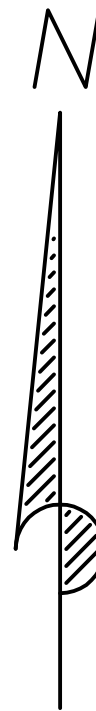


CONSTRUCTION PLANS

13744

TOWNSHIP 25 NORTH, RANGE 20 EAST,
VILLAGE OF SUAMICO, BROWN COUNTY, WISCONSIN













PARCEL ID:
SU-156, 157, 159, 160, 161, 162



INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
C100	COVER & INDEX SHEET
C101	ENTRANCE DRIVEWAY SITE PLAN
C102	CAMPGROUND SITE PLAN
C103	GRADING & EROSION CONTROL PLAN-DRIVE
C104	GRADING & EROSION CONTROL PLAN-CAMPGROUND
C200	UTILITY PLAN
C201	PLAN & PROFILE: CO 1 - BATHHOUSE
C202	PLAN & PROFILE: CO 1 - CO 8
C203	PLAN & PROFILE: LIFT STATION - CO 10
C204	PLAN & PROFILE: DUMP STATION - CO 15
C300	CONSTRUCTION DETAILS
C301	CONSTRUCTION DETAILS
C302	CONSTRUCTION DETAILS
C303	BATHHOUSE DETAILS
C304	DUMP STATION DETAILS
C305	SEPTIC TANK AT EAST BATHHOUSE DETAILS
C306	STORM POND DETAILS
C400	PRELIMINARY BRIDGE DESIGN
C401	PRELIMINARY BRIDGE DESIGN
E1	ELECTRICAL SITE PLAN
E2	ELECTRICAL RISER DIAGRAM

LEGEND

- | | |
|---|---|
|  | - PROPOSED SANITARY CLEANOUT |
|  | - PROPOSED SEWER RISER |
|  | - PROPOSED WATER / ELECTRIC RISER |
|  | - PROPOSED BALL VALVE |
|  | - PROPOSED YARD HYDRANT |
|  | - PROPOSED FORCEMAIN |
|  | - PROPOSED SANITARY SEWER LATERAL |
|  | - PROPOSED WATER MAIN / ELECTRIC |
|  | - PROPOSED ELECTRIC |
|  | - SILT FENCE |
|  | - STONE RIPRAP |
|  | - STANDARD BIO-DEGRADABLE EROSION MATTING |

PLAN NAME: 744-DET-07	PROJECT DIRECTOR: NEW 200 13744	DATE: 06-08-20	DESIGNED BY: P.J.H.	JOB NUMBER: 13744
REVISED DATE: 2-2-21	SCALE: NONE			

312 N. 5TH AVE.
P.O. BOX 105
STURGEON BAY, WI.
54235
PHONE: 920-743-821

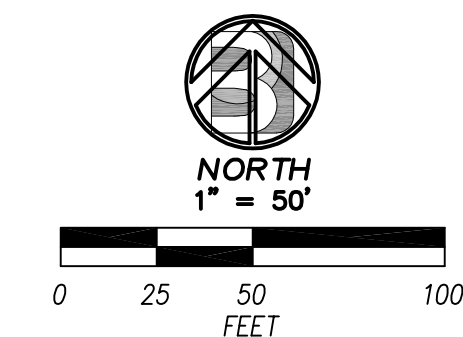
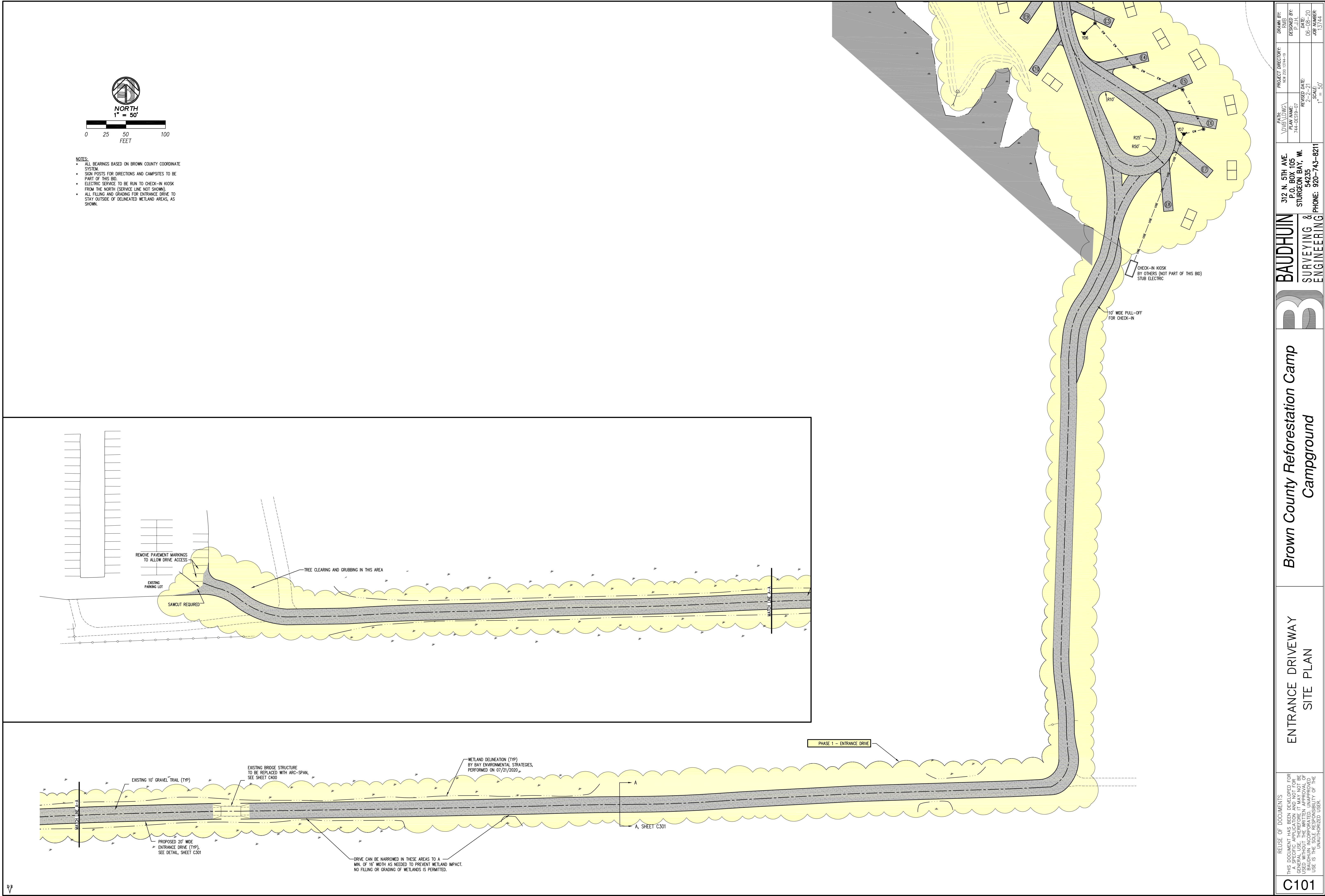
BAUDHUIN
SURVEYING &
ENGINEERING

Brown County Reforestation Camp


COVER &
INDEX SHEET

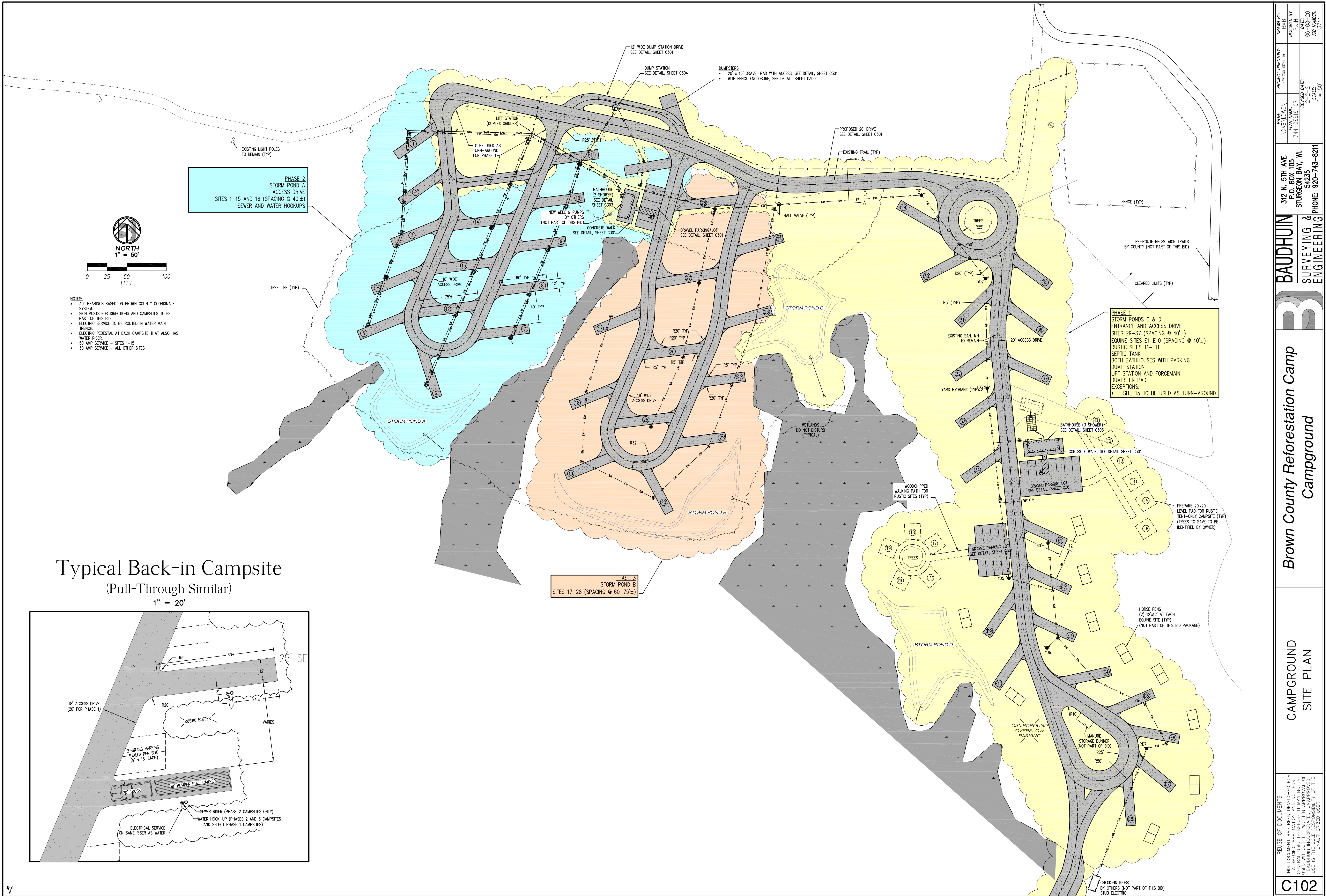
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C100



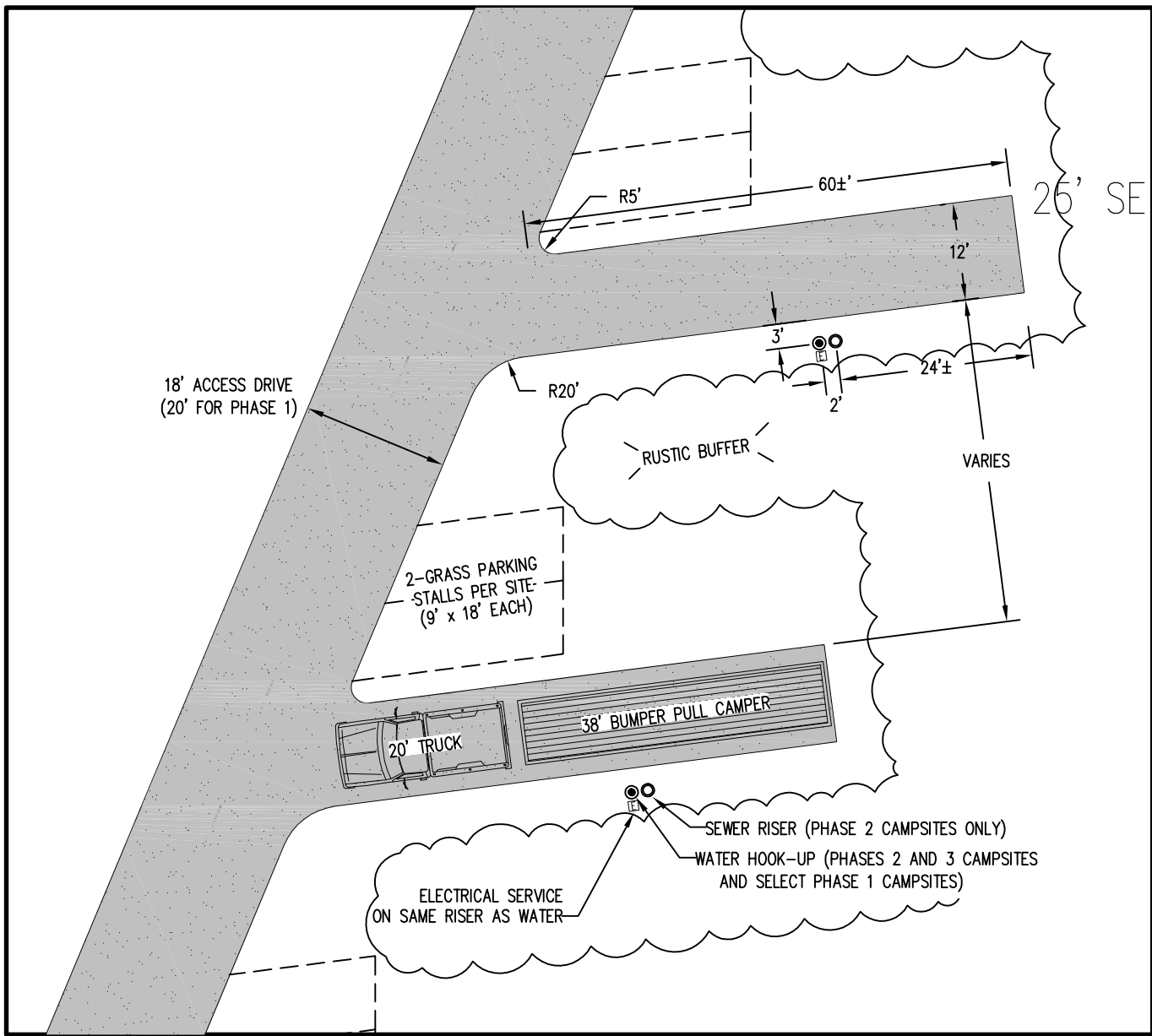
- NOTES:
- ALL BEARINGS BASED ON BROWN COUNTY COORDINATE SYSTEM.
 - SIGN POSTS FOR DIRECTIONS AND CAMPSITES TO BE PART OF THIS BID.
 - ELECTRIC SERVICE TO BE RUN TO CHECK-IN KIOSK FROM THE NORTH (SERVICE LINE NOT SHOWN).
 - ALL FILLING AND GRADING FOR ENTRANCE DRIVE TO STAY OUTSIDE OF DELINEATED WETLAND AREAS, AS SHOWN.

C101	REUSE OF DOCUMENTS THIS DOCUMENT HAS BEEN DEVELOPED FOR A SPECIFIC APPLICATION AND NOT FOR ANY OTHER. IT IS THE SOLE RESPONSIBILITY OF THE USER TO OBTAIN NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. UNAUTHORIZED USE IS PROHIBITED.	ENTRANCE DRIVEWAY SITE PLAN	Brown County Reforestation Camp Campground		BAUDHUIN SURVEYING & ENGINEERING	312 N. 5TH AVE. P.O. BOX 105 STURGEON BAY, WI. 54235 PHONE: 920-743-8211		DATE: 06-08-20 JOB NUMBER: 13744		PROJECT DIRECTORY: JOB 200-1242-19		DRAWN BY: RMB	
						PAVIN, VORLOVICA PLAN NAME: 744-05319-07 REVISED DATE: 2-2-21 SCALE: 1" = 50'		DESIGNED BY: P.J.H.					

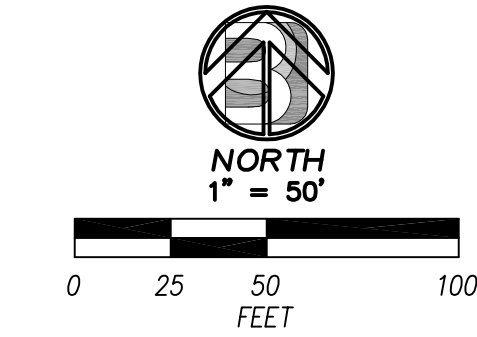
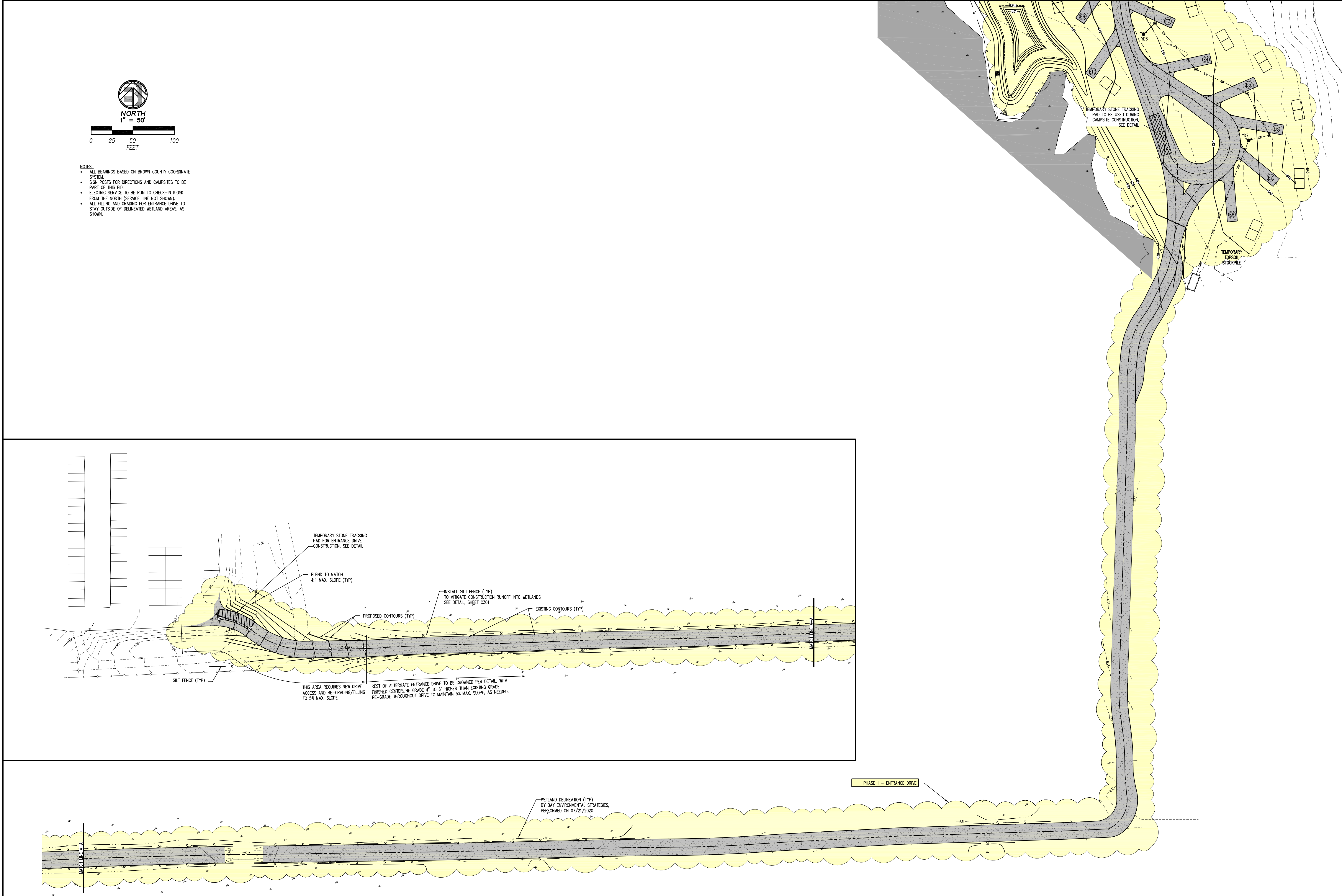
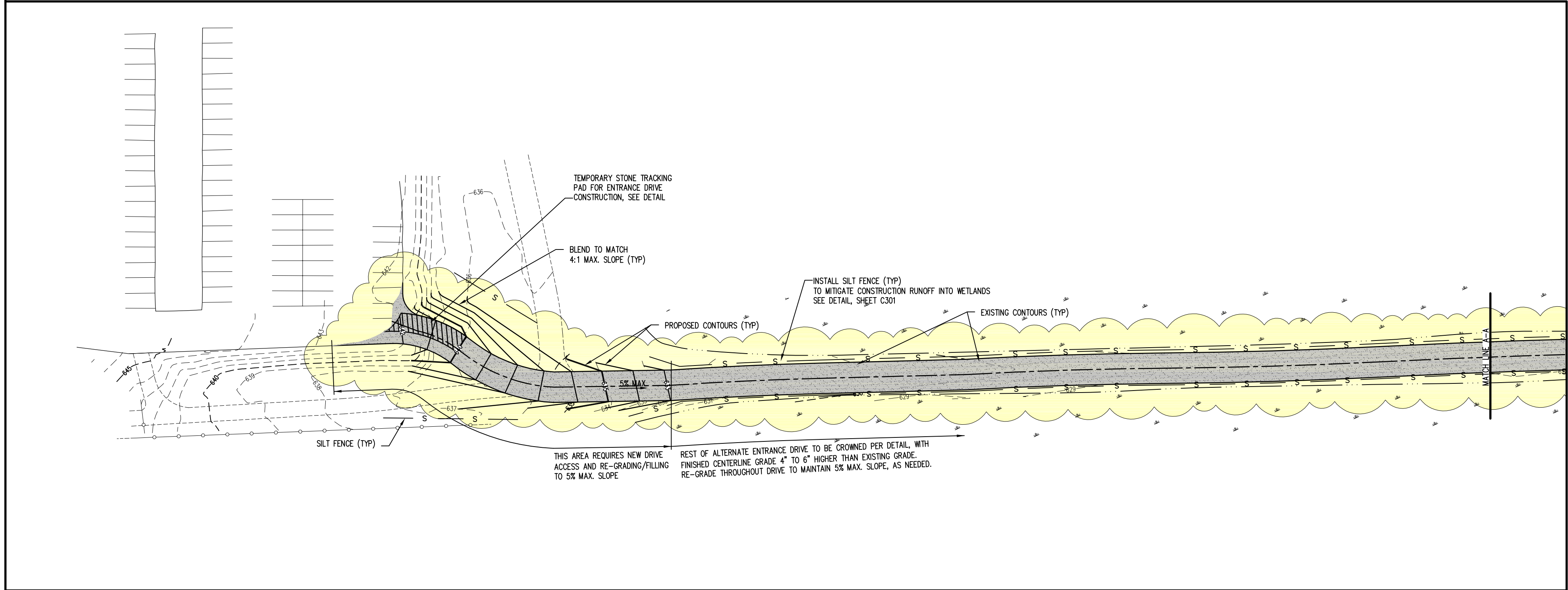


Typical Back-in Campsite
(Pull-Through Similar)

1" = 20'



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				DESIGNED BY: P.J.H.	DATE: 06-08-20	REVIEWED DATE: 2-2-21	SCALE: 1" = 30'	JOB NUMBER: 13744	



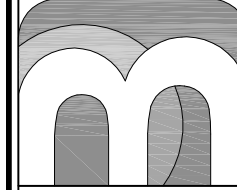
- NOTES:
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C103

ENTRANCE DRIVE
GP & EC PLAN

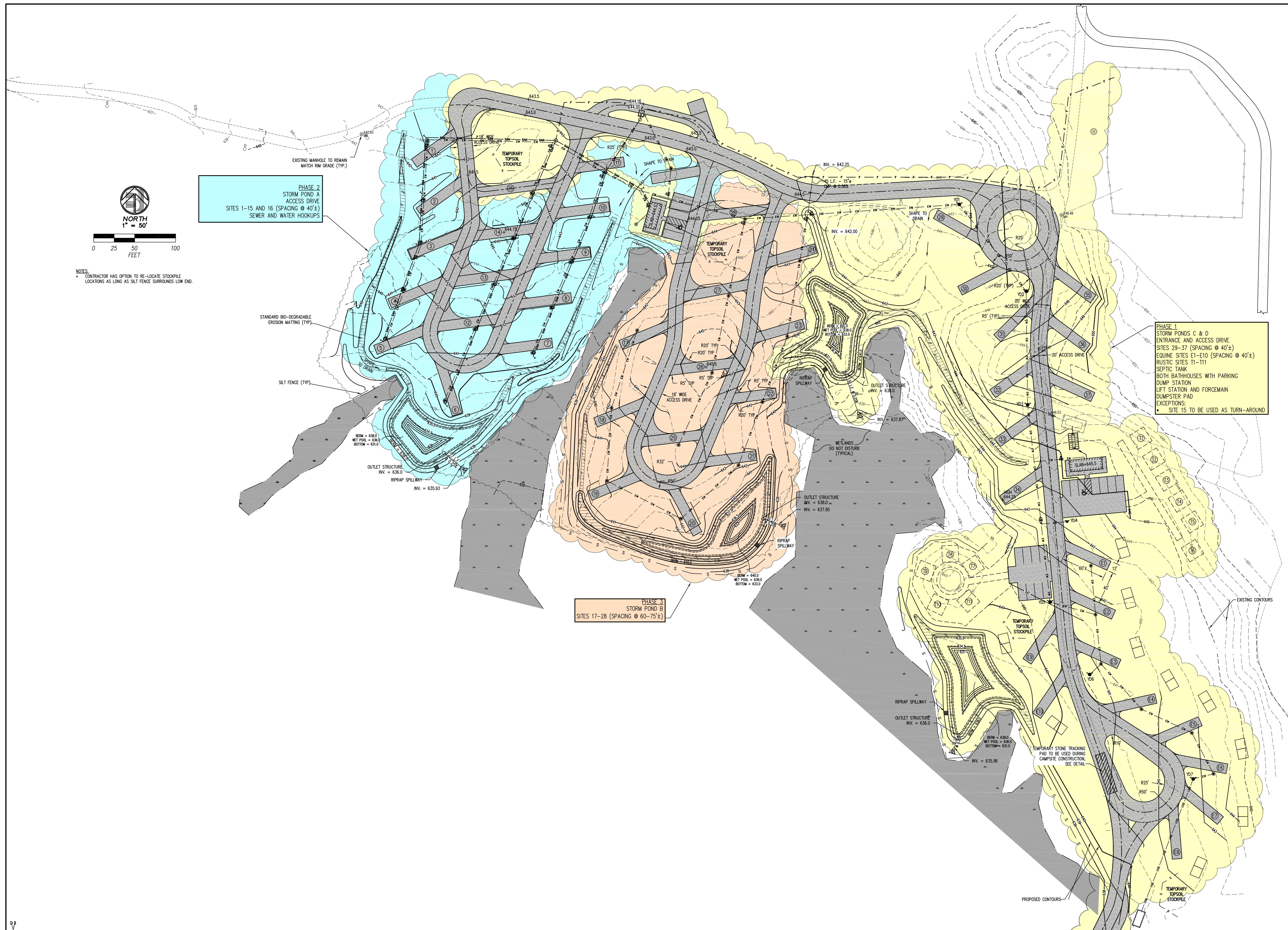
Brown County Reforestation Camp
Campground

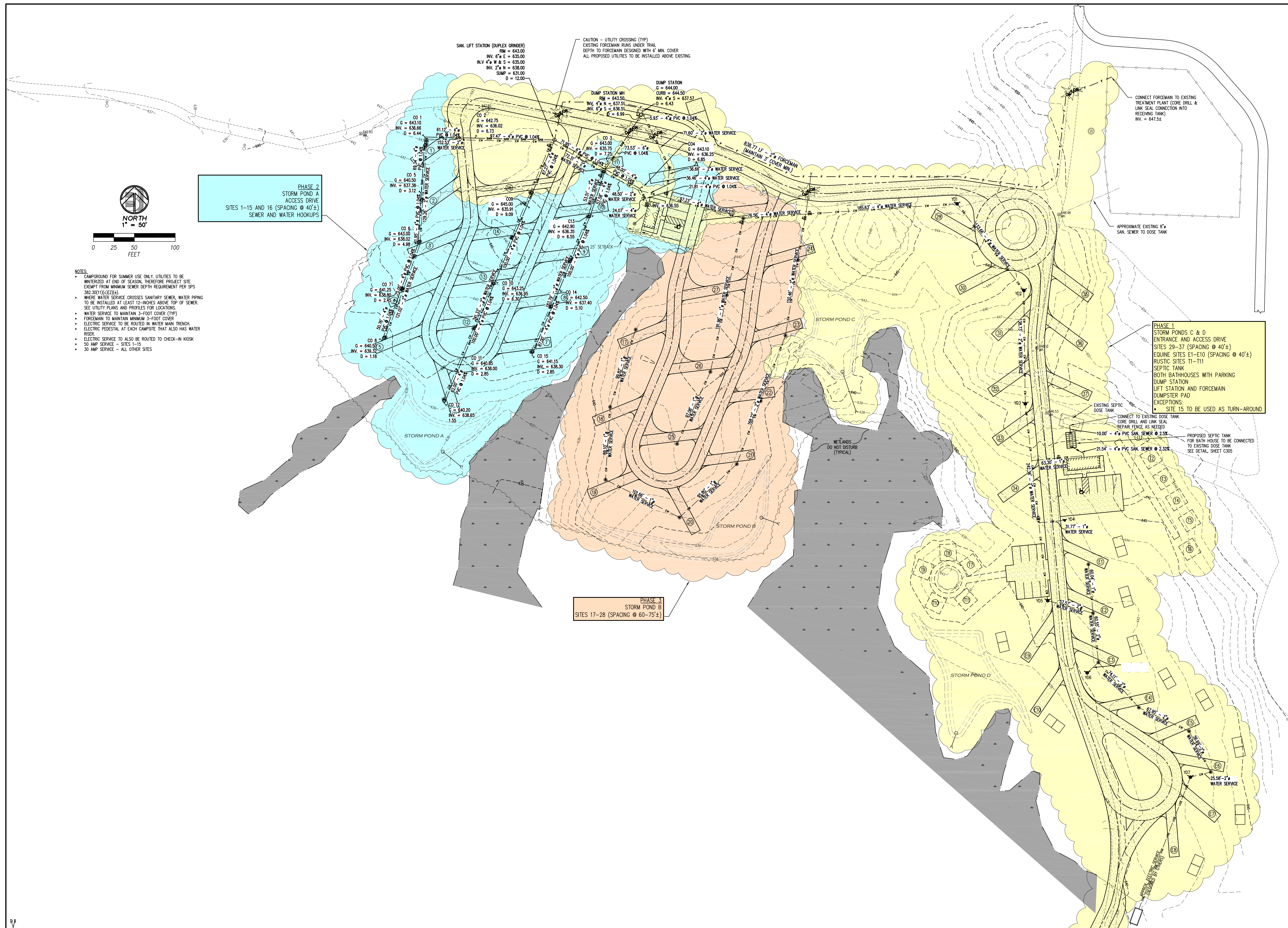


BAUDHUIN
SURVEYING & ENGINEERING

312 N. 5TH AVE.
P.O. BOX 105
STURGEON BAY, WI. 54235
PHONE: 920-743-8211

PROJECT DIRECTOR:	PROJECT MANAGER:	DRAWN BY:
744-BE19-07	744-BE19-07	P.J.H.
DESIGNED BY:	REVISION DATE:	DATE:
P.J.H.	07/21/2020	07/21/2020
DATE:	SCALE:	JOB NUMBER:
07/21/2020	1" = 50'	13744

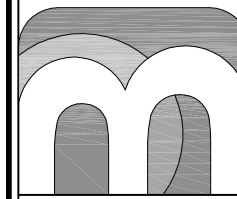




REUSE OF DOCUMENTS

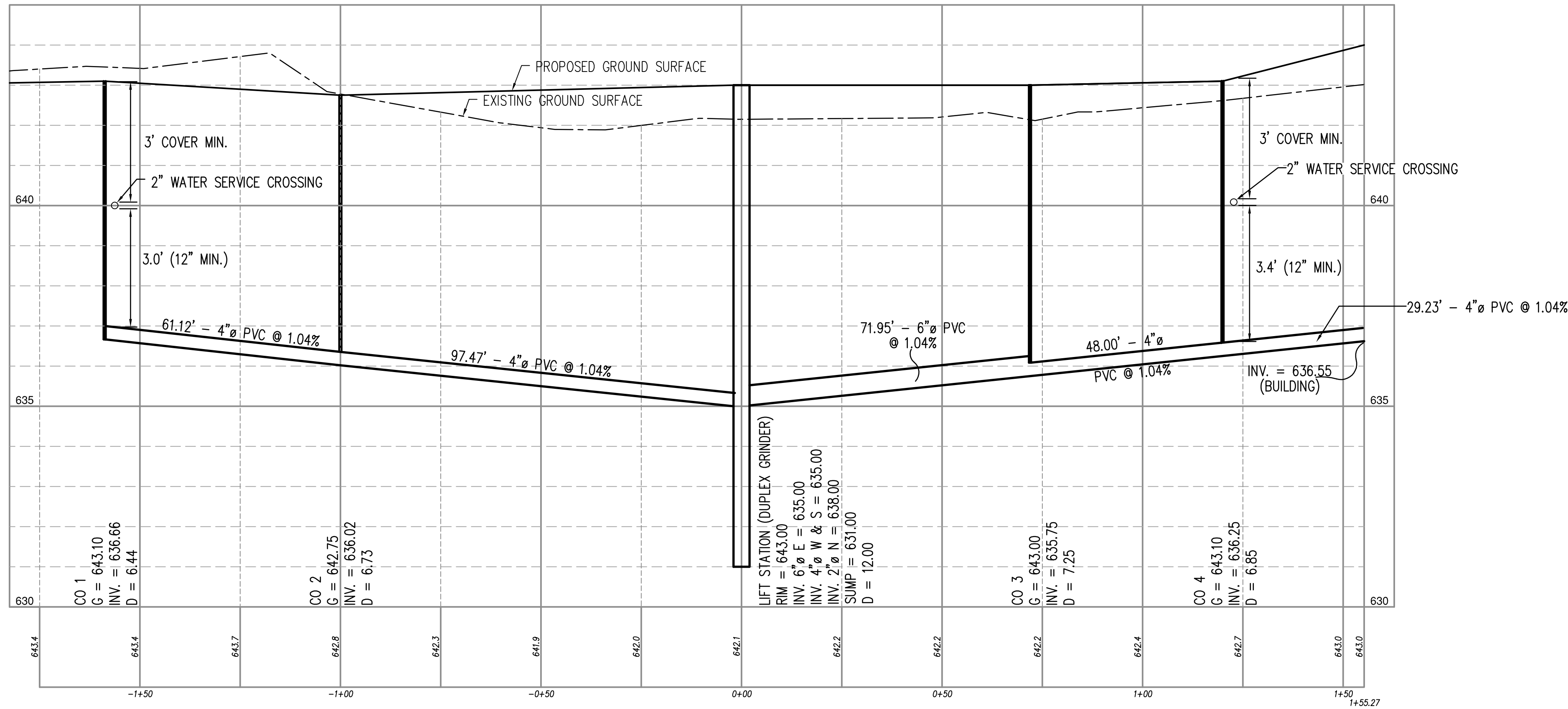
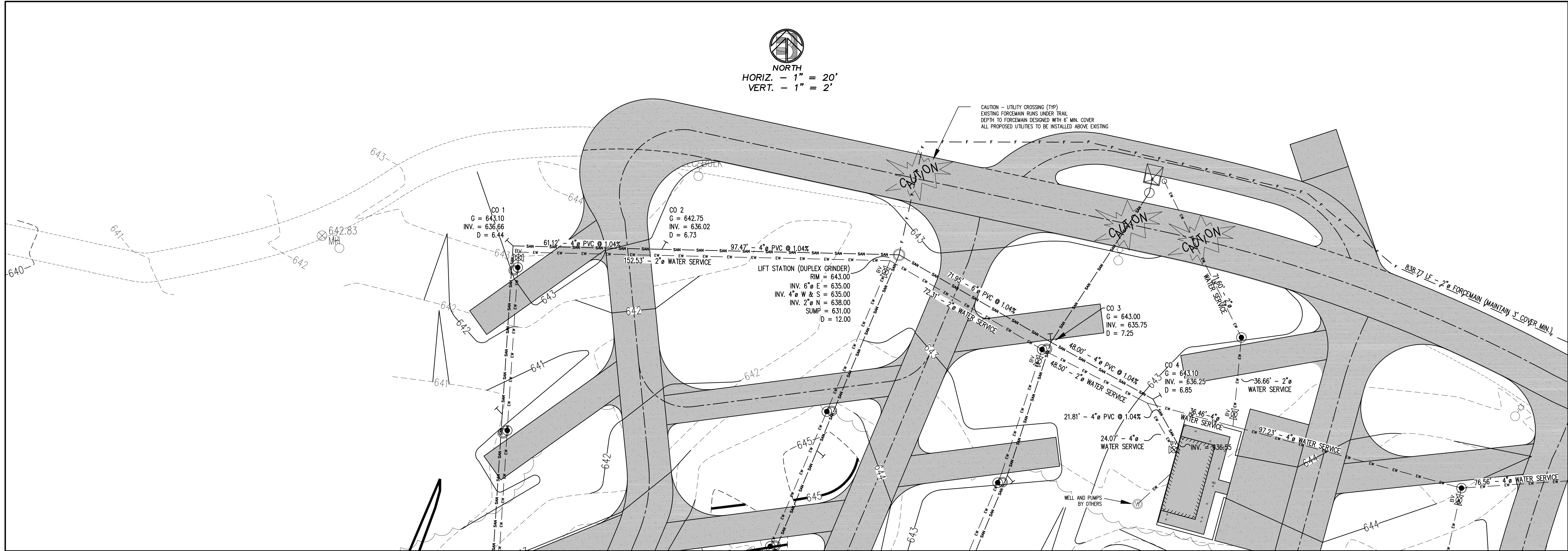
UTILITY
PLAN

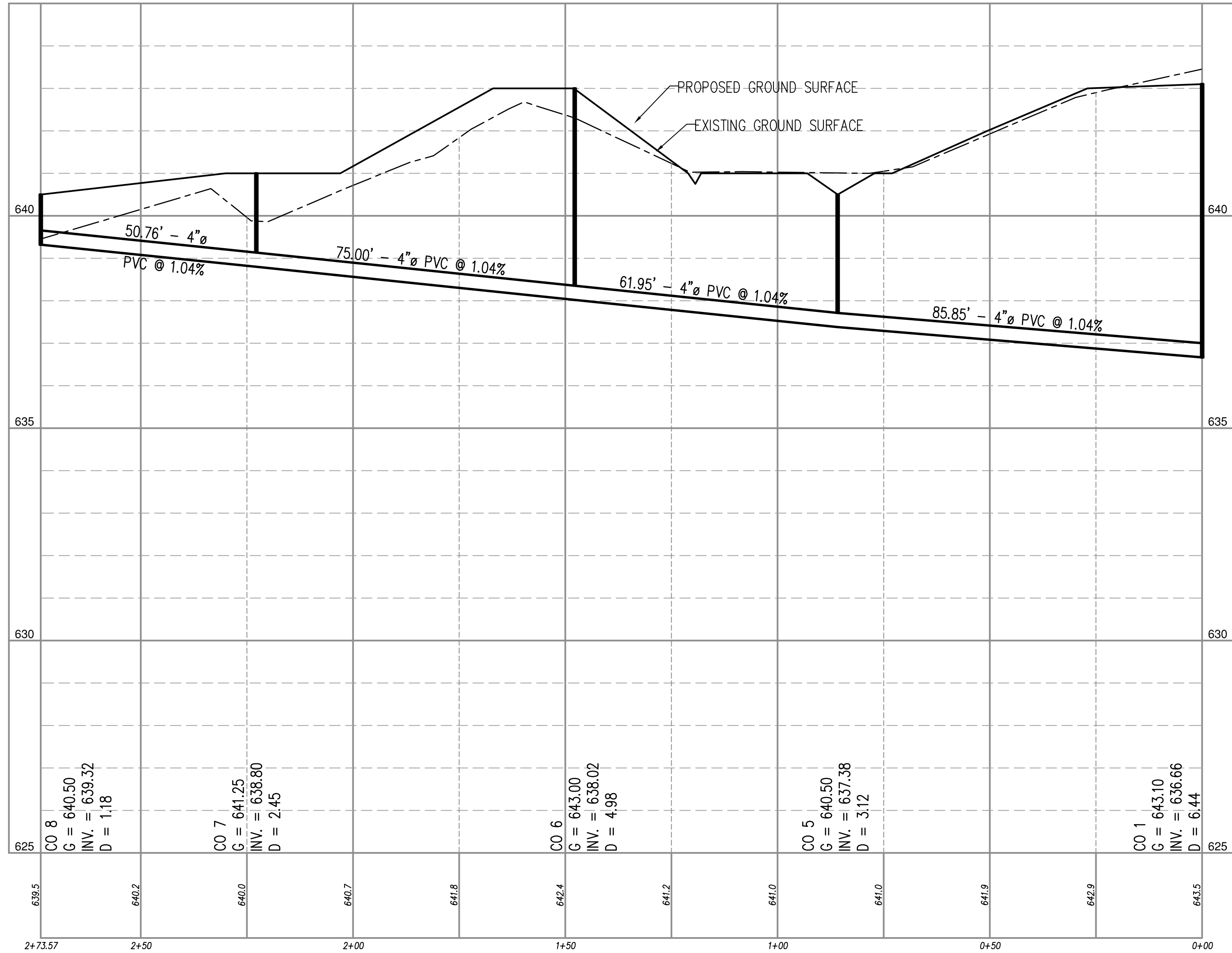
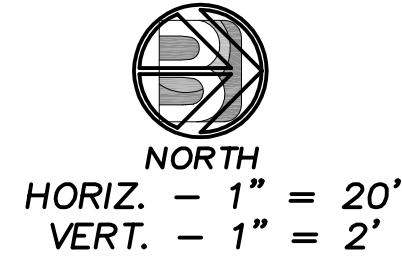
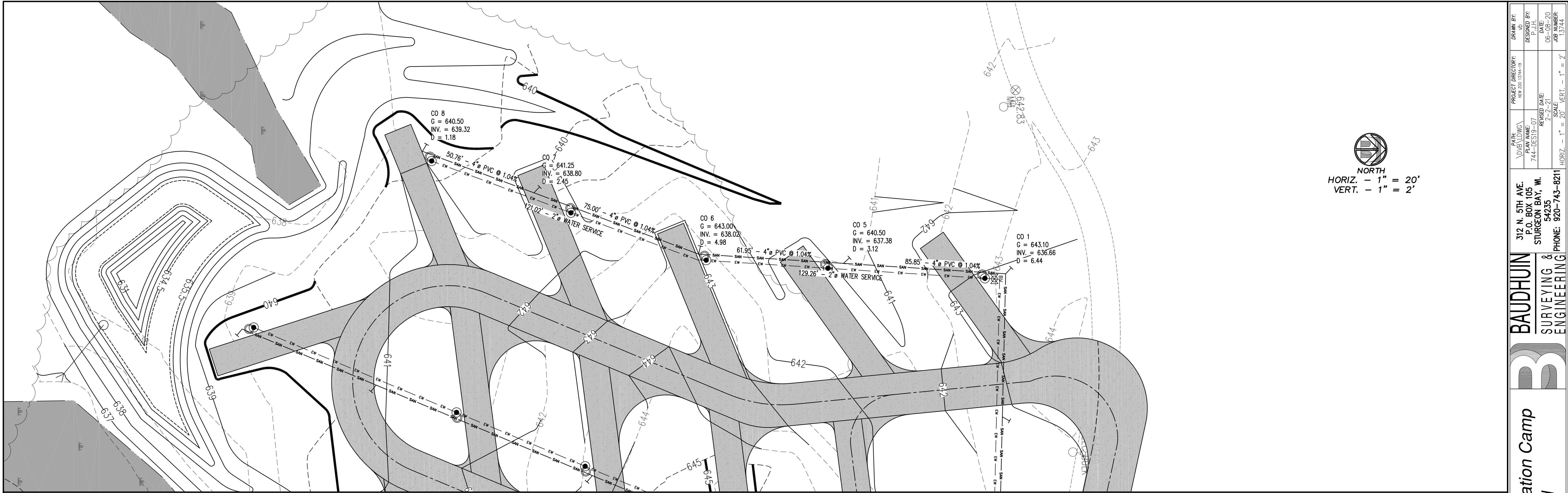
*Brown County Reforestation Camp
Campground*

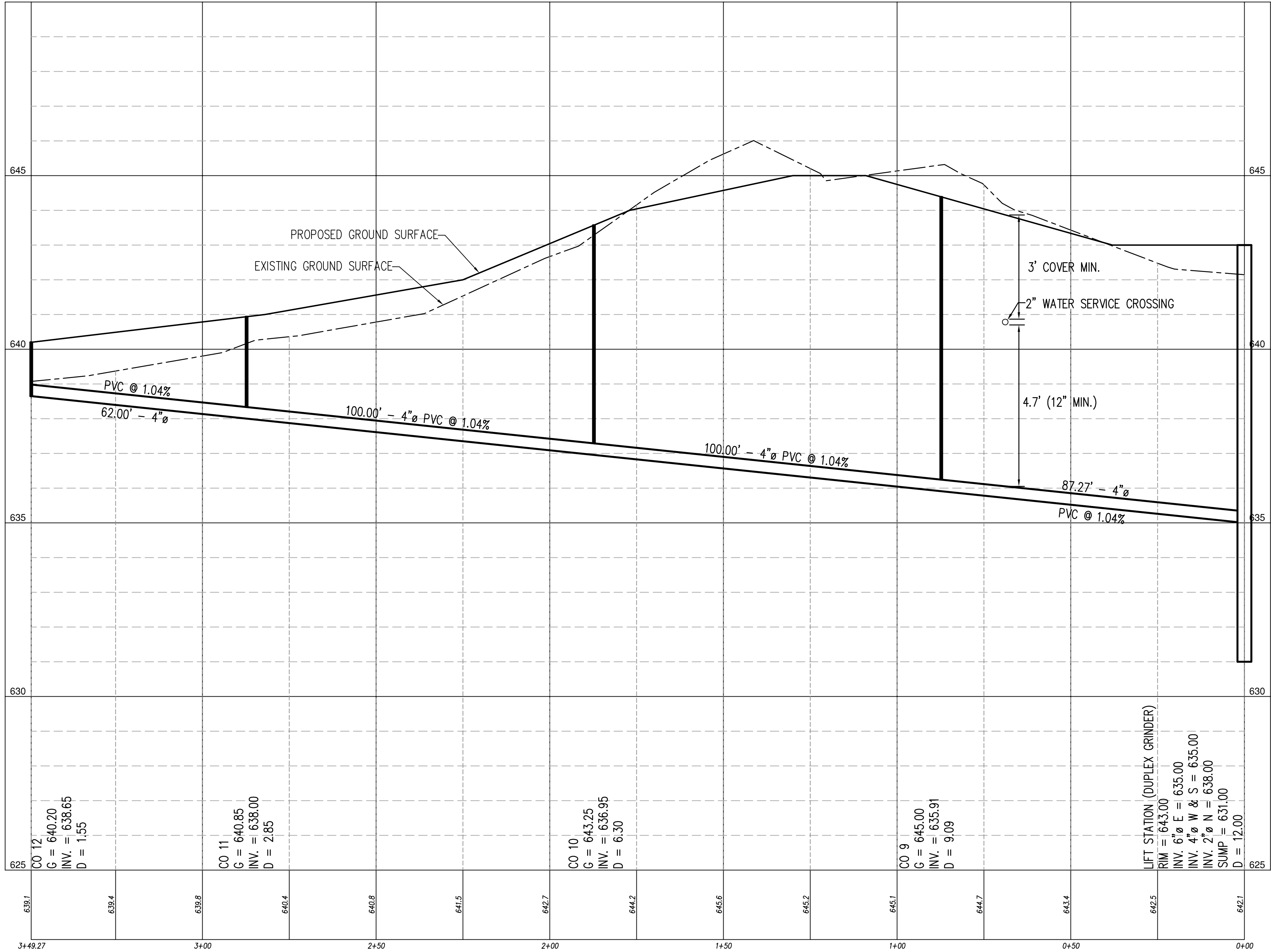
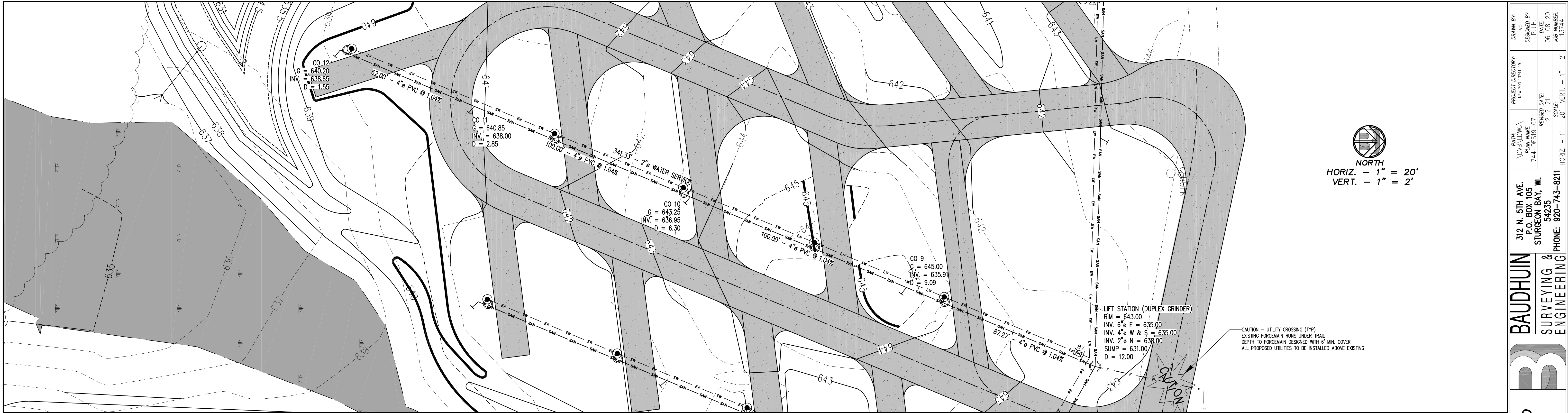


BAUDHUIN
**SURVEYING &
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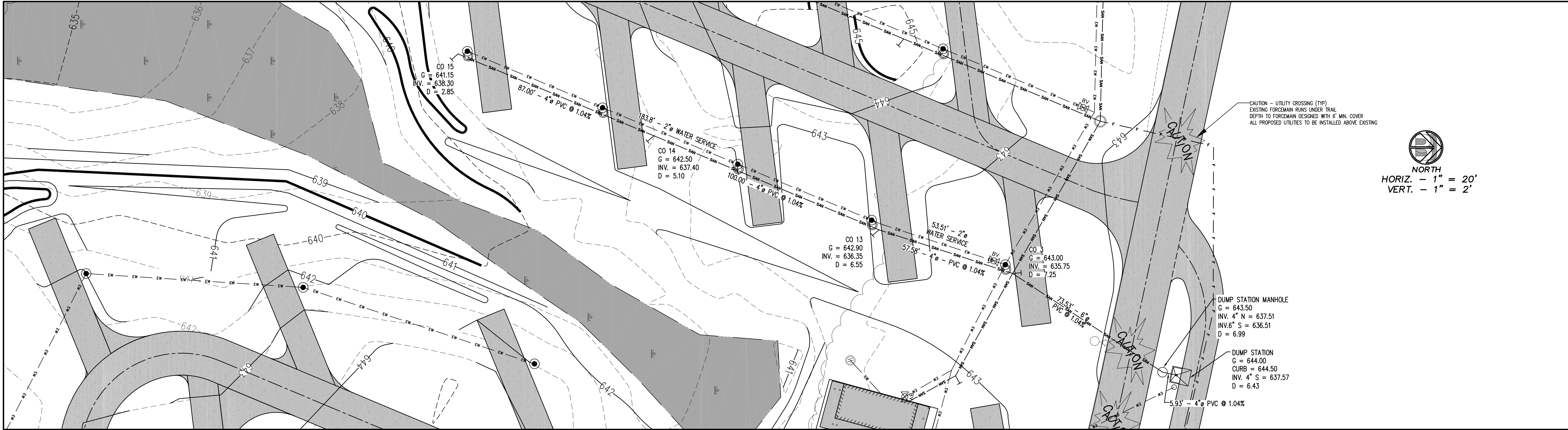
PATH: D:\DWG\LONG\	PROJECT DIRECTORY: NEW 200 13744-19	DRAWN BY: V.B
PLAN NAME: 744-DES19-7	DESIGNED BY: P.H.H.	DATE: 06-08-20
REVISED DATE: 2-2-21		JOB NUMBER: 13744
SCALE: 1" = 50'		



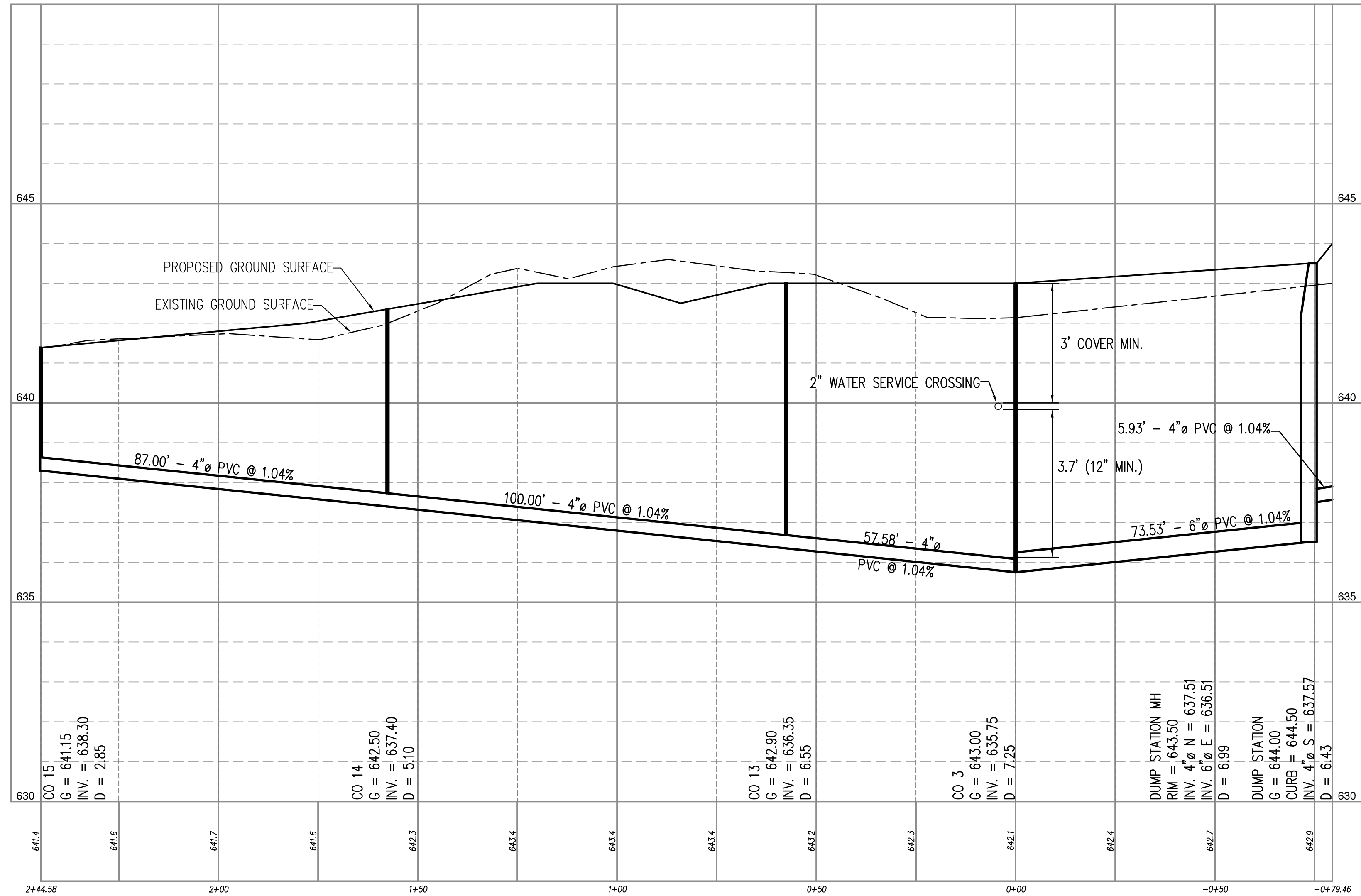




BAUDHUIN SURVEYING & ENGINEERING	Brown County Reforestation Camp Campground	PLAN & PROFILE LIFT STA. - CO 10	<small>THIS DOCUMENT HAS BEEN DEVELOPED FOR THE SPECIFIC PROJECT AND SITE SHOWN. IT IS NOT TO BE USED FOR ANY OTHER PROJECT OR SITE. THE USER OF THIS DOCUMENT ASSUMES ALL RESPONSIBILITY FOR THE USE OF THIS DOCUMENT. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE USE OF THIS DOCUMENT BY ANY OTHER USER.</small>	PROJECT DIRECTOR: J. B. BAUDHUIN	DRAWN BY: P. J. H.
				DESIGNED BY: P. J. H.	DATE: 05-11-11
				REVISION DATE: 05-11-11	REVISION NUMBER: 001
				HORIZ. - 1" = 20' VERT. - 1" = 2'	



NORTH
HORIZ. - 1" = 20'
VERT. - 1" = 2'



BAUDHUIN
SURVEYING & ENGINEERING

312 N. 5TH AVE.
P.O. BOX 105
STURGEON BAY, WI.
54235
PHONE: 920-743-8211

PROJECT DIRECTOR:
JIM BAUDHUIN

DRAWN BY:
P.J.H.

DESIGNED BY:
P.J.H.

DATE:
05-11-07

REVISION DATE:
05-11-07

SCALE:
2" = 1'

HORIZ. - 1" = 20'
VERT. - 1" = 2'

PLAN & PROFILE
DUMP STATION - CO 15

Brown County Reforestation Camp
Campground

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C204

Erosion Control Notes

1. IN ACCORDANCE WITH NR 216.46(9) AND NR 216.48(4), THE LANDOWNER, OR THE LANDOWNER'S REPRESENTATIVE, SHALL INSPECT EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY, AND WITHIN 24 HOURS FOLLOWING A RAINFALL OF 0.5 INCHES OR GREATER. WRITTEN DOCUMENTATION OF EACH INSPECTION SHALL BE MAINTAINED AT THE CONSTRUCTION SITE AND SHALL INCLUDE THE TIME, DATE AND LOCATION OF INSPECTION, THE PHASE OF LAND DISTURBANCE AT THE CONSTRUCTION SITE, PERSON CONDUCTING THE INSPECTION, ASSESSMENT OF CONTROL PRACTICES, AND A DESCRIPTION OF ANY EROSION OR SEDIMENT CONTROL MEASURE INSTALLATION OR MAINTENANCE PERFORMED IN RESPONSE TO THE INSPECTION.
2. ANY SOIL STOCKPILE THAT REMAINS FOR MORE THAN 7 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY SEEDING AND MULCHING. SEEDING SHALL FOLLOW THE REQUIREMENTS OF WDNR TECHNICAL STANDARDS 1058 AND 1059 AND WS, DOT STANDARD SPECIFICATIONS, SECTION 630.
3. A MINIMUM OF 4 TO 6 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDED OR SOODED ACCORDING TO WDNR TECHNICAL STANDARD 1059.
4. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED. IMPLEMENT TEMPORARY GRADING PRACTICES AS DESCRIBED IN WDNR TECHNICAL STANDARDS 1066 AND 1067 TO PREVENT SEDIMENT FROM LEAVING THE SITE.
5. ALL DISTURBED AREAS SHALL BE TREATED WITH STABILIZATION MEASURES, AS SPECIFIED, WITHIN 3 WORKING DAYS OF FINAL GRADING.
6. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND STABILIZATION WORK REDONE.
7. TREAT ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES WITH TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS LAND APPLICATION OF ANIONIC POLYACRYLAMIDE, STRAW BALES, SILT FENCE, MULCHING, TEMPORARY SEEDING, AND SEDIMENT TRAPS AS RESPECTIVELY REQUIRED BY WDNR TECHNICAL STANDARDS 1050, 1055, 1056, 1058, 1059, AND 1063.
8. ALL TEMPORARY BEST MANAGEMENT PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED.
9. WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCHING, OR A TACKING AGENT MAY NEED TO BE UTILIZED TO PROTECT NEARBY RESIDENTS AND WATER RESOURCES. DUST CONTROL MEASURES SHALL BE IMPLEMENTED ACCORDING TO WDNR TECHNICAL STANDARD 1068.
10. WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY BEST MANAGEMENT PRACTICES SUCH AS SILT FENCE, STRAW BALES, AND SEDIMENT TRAPS SHALL BE REMOVED.
11. ALL REMAINING TOPSOIL STOCKPILES SHALL BE SEEDED OR HAULED OFF-SITE WITHIN 60 DAYS OF CONSTRUCTION COMPLETION.
12. WINTER STABILIZATION : ALL AREAS REQUIRING SEED AFTER OCTOBER 15TH SHALL BE STABILIZED BY AN APPROVED WINTER STABILIZATION METHOD. THE RECOMMENDED METHOD IS UTILIZING A HYDROSEEDER CONTAINING ADEQUATE TACKIFIER POLYMER MIXED WITH WINTER WHEAT OR RYE SEED. ANOTHER ACCEPTABLE EROSION CONTROL METHOD IS THE LAND APPLICATION OF ANIONIC POLYACRYLAMIDE IN CONFORMANCE WITH WDNR TECHNICAL STANDARD 1050.
13. ADDITIONAL EROSION CONTROL METHODS SUCH AS SILT FENCE, BALE CHECKS, EROSION MAT, (ABOVE AND BEYOND THE QUANTITIES LISTED IN THE BID PROPOSAL), AS NEEDED TO PREVENT WASHOUT OR SILT TRANSFER PROBLEMS WITHIN THE CONSTRUCTION AREA OR DOWNSTREAM SHALL BE CONSIDERED INCIDENTAL TO THIS PROPOSAL.

Stabilization Specifications
(REFER TO EROSION CONTROL PLAN FOR APPLICABLE AREAS)

MULCH: MATERIAL SHALL CONSIST OF ANY STRAW, HAY, WOOD EXCelsior FIBER OR OTHER SUITABLE MATERIAL OF A SIMILAR NATURE WHICH IS SUBSTANTIALLY FREE OF NOXIOUS WEED SEEDS AND OBJECTIONABLE FOREIGN MATTER. MULCH SHALL CONFORM TO WDNR TECHNICAL STANDARD 1058.

STANDARD BIODEGRADABLE MAT: CLASS 1, TYPE A, AS LISTED IN THE LATEST EDITION OF THE WS, DOT EROSION CONTROL P.A.L. PRODUCTS WITH UV DEGRADABLE NETTING SHALL NOT BE INSTALLED AFTER SEPTEMBER 1ST. TYPE B MAT MAY BE USED IN REPLACEMENT FOR TYPE A MAT AT THE OPTION OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. EROSION MAT SHALL ALSO MEET THE REQUIREMENTS OF WDNR TECHNICAL STANDARD 1053.

HIGH VELOCITY EROSION MAT: CLASS 1, TYPE B, AS LISTED IN THE LATEST EDITION OF THE WS, DOT EROSION CONTROL P.A.L. PRODUCTS WITH UV DEGRADABLE NETTING SHALL NOT BE INSTALLED AFTER SEPTEMBER 1ST. EROSION MAT SHALL ALSO MEET THE REQUIREMENTS OF WDNR TECHNICAL STANDARD 1053.

STAPLES: USE U-SHAPED STAPLES NO. 11 GAUGE OR HEAVIER STEEL WIRE OR OTHER APPROVED MATERIALS, WITH A WIDTH OF ONE TO TWO INCHES, AND A LENGTH NOT LESS THAN 4 INCHES FOR FIRM SOILS AND NOT LESS THAN 12 INCHES FOR LOOSE SOILS.

INSTALLATION: ALL EROSION MATTING SHALL BE INSTALLED WITH DOWNSLOPE EDGE BURIED OR OVERLAPPED A MINIMUM OF 3 INCHES BY UPSLOPE MATTING TO PREVENT UNDERFLOWS.

RIP-RAP : 4-12" ROCK, 50% > 6", 10-20% < 2" (OVER 8 OZ. GEOTEXTILE) DECORATIVE STONE MAY BE USED AS LONG AS IT MEETS SPECIFICATIONS.

WIS DOT Standard Specifications
Section 630
Permanent Seed Mixtures

SPECIES	% MINIMUM PURITY	% MINIMUM GERMINATION	MIXTURE PROPORTIONS in percent			
			NO. 10	NO. 20	NO. 30	NO. 40
KENTUCKY BLUEGRASS	98	85	40	6	10	35
RED FESCUE	97	85	25		30	20
HARD FESCUE	97	85		24	25	20
TALL FESCUE	98	85		40		
SALT GRASS	98	85			10	
REDTOP	92	85	5			
PERENNIAL RYEGRASS	97	90	20	30		
IMPROVED FINE PERENNIAL RYEGRASS	96	85			15	25
WHITE CLOVER	95	90	10			
BIRDFOOT TREFOIL	95	80			10	

1. USE SEED MIXTURE NO. 10 WHERE AVERAGE LOAM, HEAVY CLAY, OR MOIST SOILS PREDOMINATE.
2. USE SEED MIXTURE NO. 20 WHERE LIGHT, DRY, WELL-DRAINED, SANDY, OR GRAVELLY SOILS PREDOMINATE AND FOR ALL HIGH CUT AND FILL SLOPES GENERALLY EXCEEDING 6 TO 8 FEET (1.8 TO 2.4 m).
3. USE SEED MIXTURE NO. 10 OR NO. 20 ON ALL DITCHES, INSLOPES, MEDIAN AREAS, AND LOW FILLS, EXCEPT WHERE USING NO. 30.
4. USE SEED MIXTURE NO. 30 FOR MEDIANS AND ON SLOPES OR DITCHES GENERALLY WITHIN 15 FEET (4.5 m) OF THE SHOULDER WHERE A SALT-TOLERANT TURF IS PREFERRED.
5. USE SEED MIXTURE NO. 40 IN URBAN OR OTHER AREAS WHERE A LAWN TYPE TURF IS PREFERRED.

USE THE FOLLOWING SOWING RATE FOR SEEDS IN POUNDS (kg) PER 1000 SQUARE FEET (100 SQUARE METERS) OF AREA:

- SEED MIXTURE NO. 10 AT 1.5 POUNDS (0.7 kg)
- SEED MIXTURE NO. 20 AT 3.0 POUNDS (1.5 kg)
- SEED MIXTURE NO. 30 AT 2.0 POUNDS (1.0 kg)
- SEED MIXTURE NO. 40 AT 2.0 POUNDS (1.0 kg)

NOTE: REFER TO LANDSCAPE PLAN FOR AREAS REQUIRING PRAIRIE GRASS PLANTINGS.

Procedures of Construction

1. INSTALL EROSION CONTROL MEASURES PER PHASE OF CONSTRUCTION WORK PER PLAN.
2. STRIP TOPSOIL IN STORMWATER POND PER PHASE AND STOCKPILE.
3. EXCAVATE STORMWATER POND, INSTALL LINERS AND OUTLET STRUCTURES PER PHASE.
4. UTILIZE WET DETENTION PONDS AS SEDIMENT TRAP DURING CONSTRUCTION.
5. INSTALL SEWER, WATER, & UTILITIES PER PHASE.
6. STRIP TOPSOIL IN REMAINING AREAS AND STOCKPILE.
7. GRADE SITE TO SUB GRADE PER PHASE.
8. PLACE GRAVEL IN ENTRANCE DRIVE, ACCESS DRIVES, RV PADS, AND PARKING LOTS PER PHASE.
9. TOPSOIL, SEED, FERTILIZE AND MULCH ALL DISTURBED AREAS.
10. INSTALL STABILIZATION MEASURES (EROSION MATTING PER PHASE OF PLAN).
11. EXCAVATE SEDIMENT FROM CONSTRUCTION SITE RUNOFF OUT OF DETENTION PONDS TO MATCH PLAN GRADE AFTER AT LEAST 75% OF THE PERMANENT VEGETATION HAS BEEN ESTABLISHED. (AS NEEDED)
12. TOPSOIL, SEED, FERTILIZE AND MULCH ALL REDISTURBED AREAS.
13. REMOVE EROSION CONTROL MEASURES WHEN GRASS HAS BEEN WELL ESTABLISHED.

Site Dewatering
(IF NEEDED)

1. DEWATERING FOR POND & UTILITY CONSTRUCTION SHALL CONFORM TO REQUIREMENTS SET FORTH IN WDNR TECHNICAL STANDARD 1061.
2. THE CONTRACTOR HAS THE OPTION TO UTILIZE WDNR APPROVED METHODS INCLUDING:
 - GEOTEXTILE BAGS (SEE TECHNICAL STANDARD 1061)
 - SEDIMENT TRAPS (SEE TECHNICAL STANDARD 1063)
 - SEDIMENT BASINS (SEE TECHNICAL STANDARD 1064)
3. CONTRACTOR HAS OPTION TO UTILIZE STORM PONDS CONSTRUCTED ON THIS SITE AS SEDIMENT BASINS FOR DEWATERING.
4. CONTRACTOR SHALL LIMIT PUMP RATE TO BE LESS THAN 70 G.P.M. TO PREVENT NEED FOR WDNR WELL PERMIT.
5. IN NO EVENT SHALL UNTREATED DISCHARGE BE ALLOWED TO FLOW DIRECTLY INTO WETLANDS OR WATERWAYS.

Temporary Seeding

SPECIES	% MINIMUM PURITY	% MINIMUM GERMINATION
ANNUAL OATS	98	90
AGRICULTURAL RYE	97	85
WINTER WHEAT	95	90
ANNUAL RYEGRASS	97	90

1. USE OATS IN SPRING AND SUMMER PLANTINGS.
2. USE WINTER WHEAT OR RYE FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 1.
3. APPLY TEMPORARY SEEDING AT 3 POUNDS PER 1000 SQUARE FEET OF AREA, EXCEPT ANNUAL RYEGRASS WHICH MAY BE APPLIED AT 2 POUNDS PER 1000 SQUARE FEET OF AREA.

Wet Seed Mix

(IN BASE AND SIDE SLOPES OF DETENTION POND AREAS)

Prairie Seed Mixture
CREP Wet Site Mix
(To be used in flood prone areas)

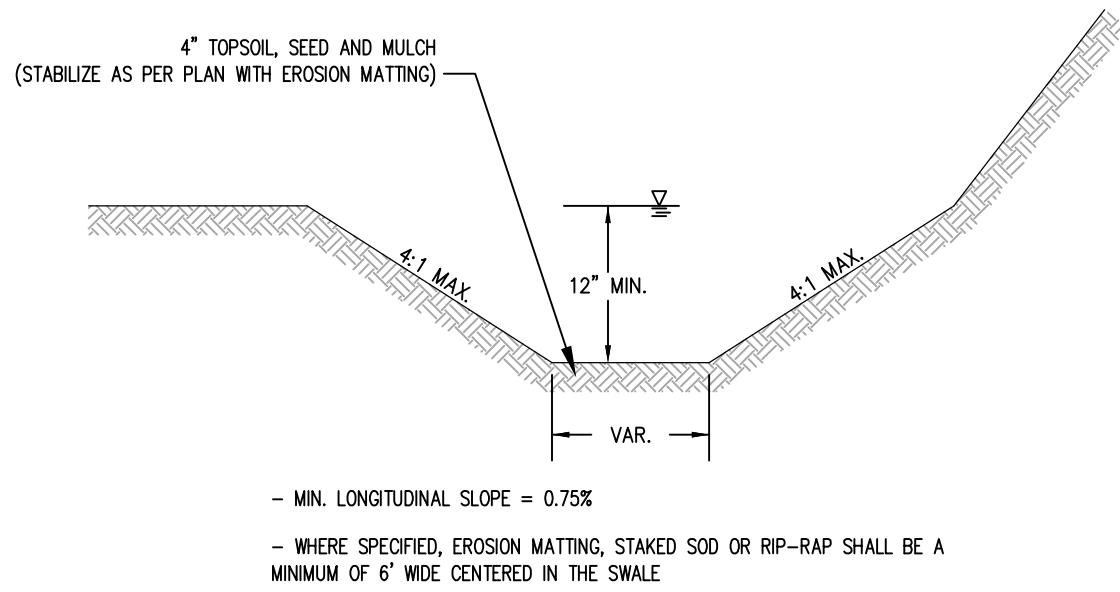
Species	Plant Type	PLS. oz./acre
Prairie Cordgrass	Grass	2.0
Rice Cutgrass	Grass	2.0
Switchgrass	Grass	8.0
Virginia Wild Rye	Grass	16.0
Woolgrass	Sedge	1.0
Fox Sedge	Sedge	2.0
Great St. Johns Wort	Forb	1.0
Morph. Milkweed	Forb	2.0
Sneezeweed	Forb	1.0
Joe-Pye Weed	Forb	2.0
Blue Vervain	Forb	2.0

(OR EQUIVALENT)

Dumpster Enclosure Example
NO SCALE



Swale Detail
NO SCALE



Bathhouse Example

NO SCALE
SEE SHEET C303 FOR ADDITIONAL BATHHOUSE DETAILS



BAUDHUIN
SURVEYING &
ENGINEERING

Brown County Reforestation Camp
Campground

CONSTRUCTION
DETAILS

C300

PROJECT DIRECTORY:
NO. 00000000

DATE:
7-44-07

DESIGNED BY:
P.J.H.

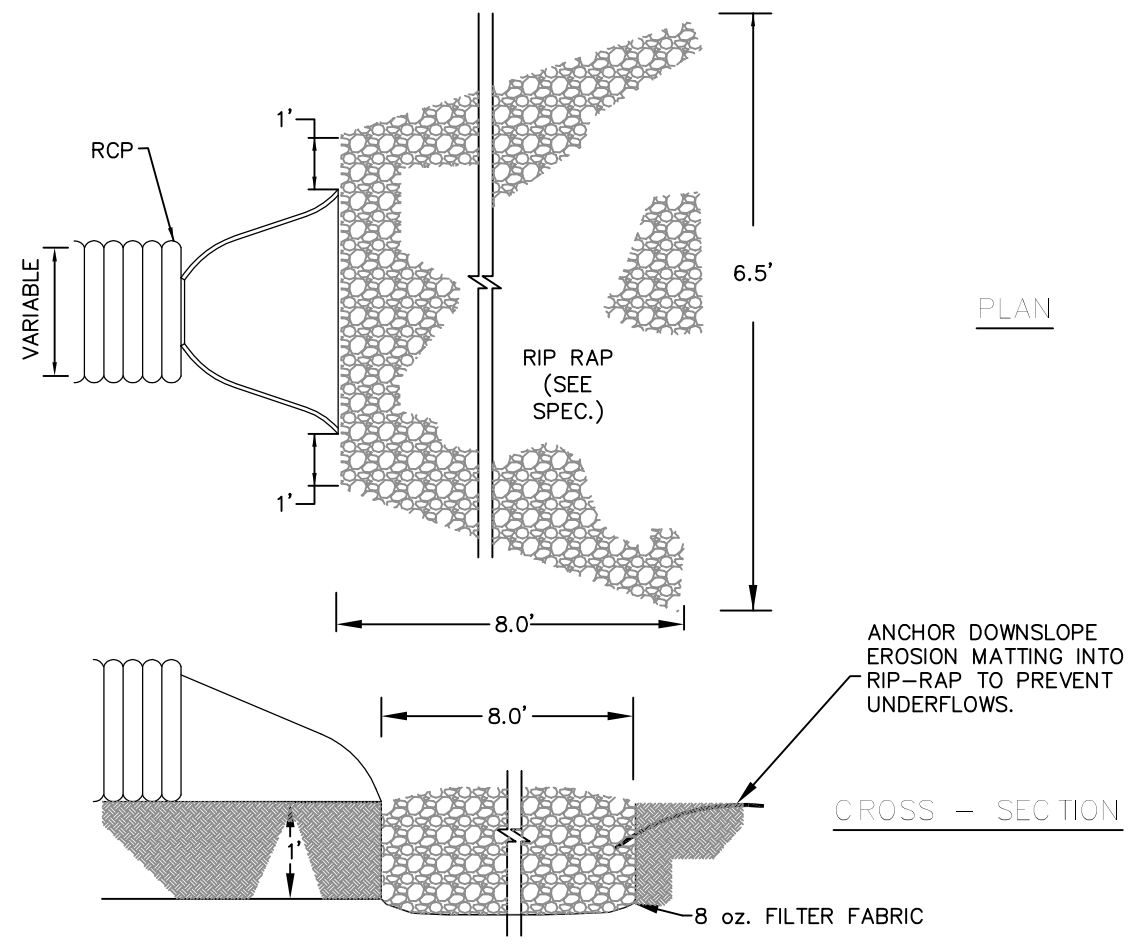
DATE:
08-00-00

008 NUMBER:
13744

312 N. 5TH AVE.
P.O. BOX 105
STURGEON BAY, WI.
54235
PHONE: 920-743-8211

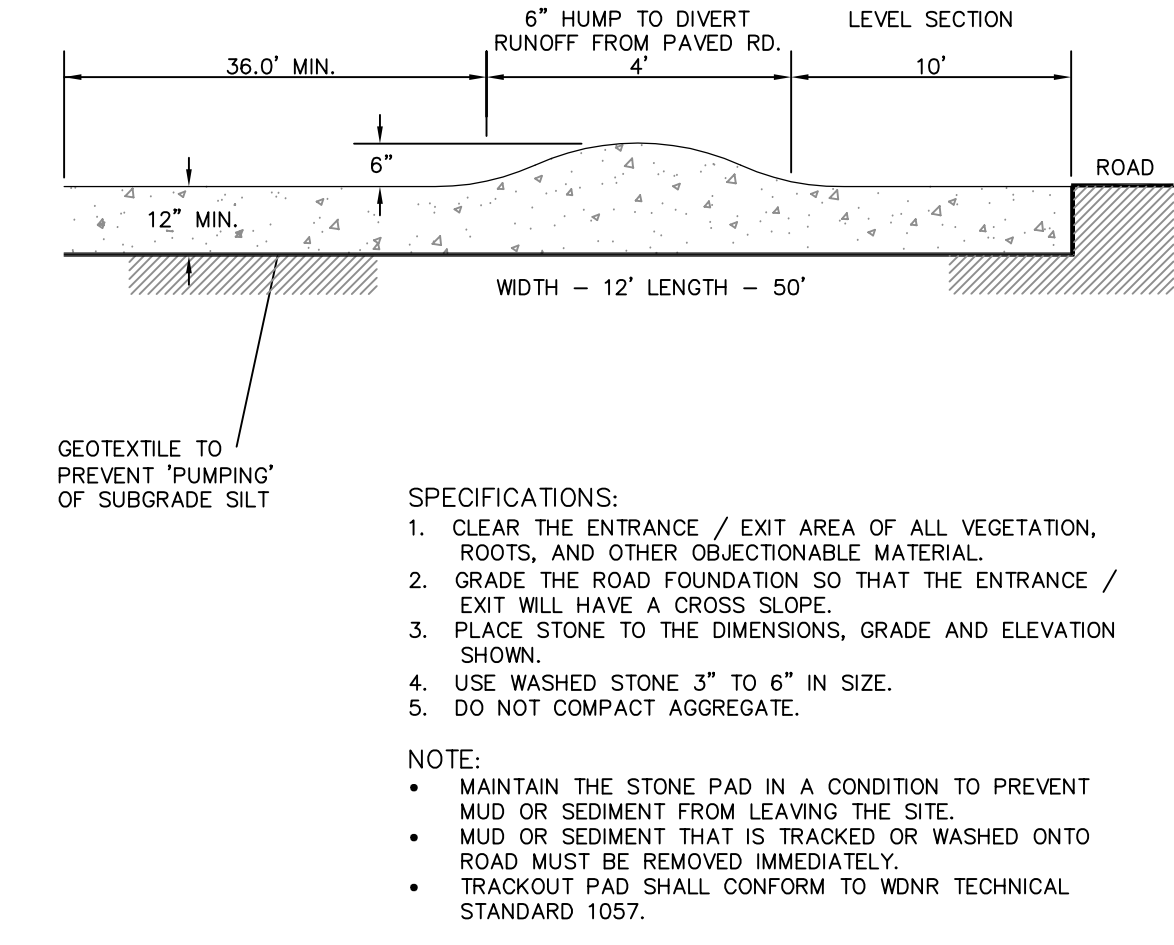
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Culvert Rip-rap Detail
NO SCALE

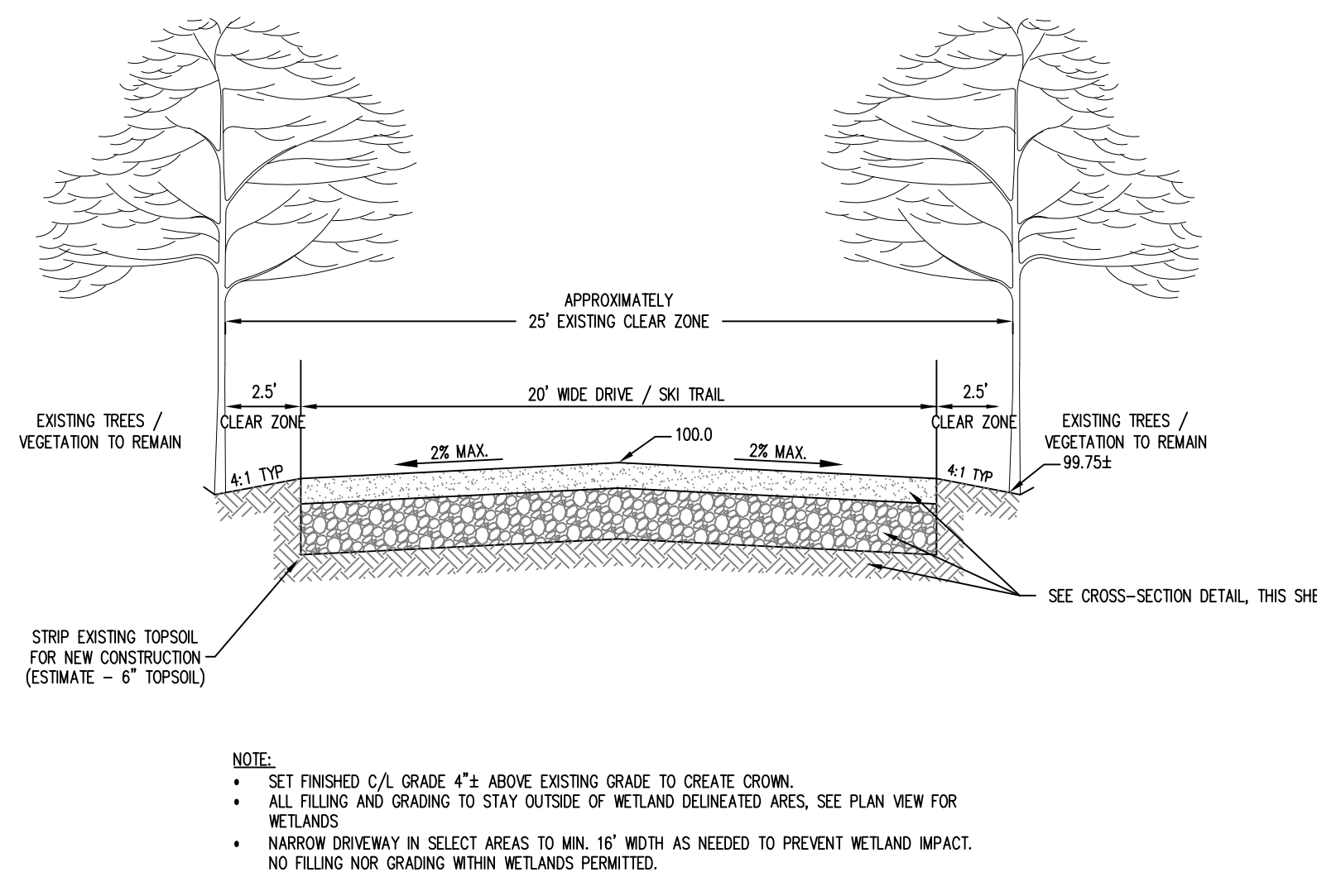


(ALL DOWNSLOPE ENDS OF CULVERTS)

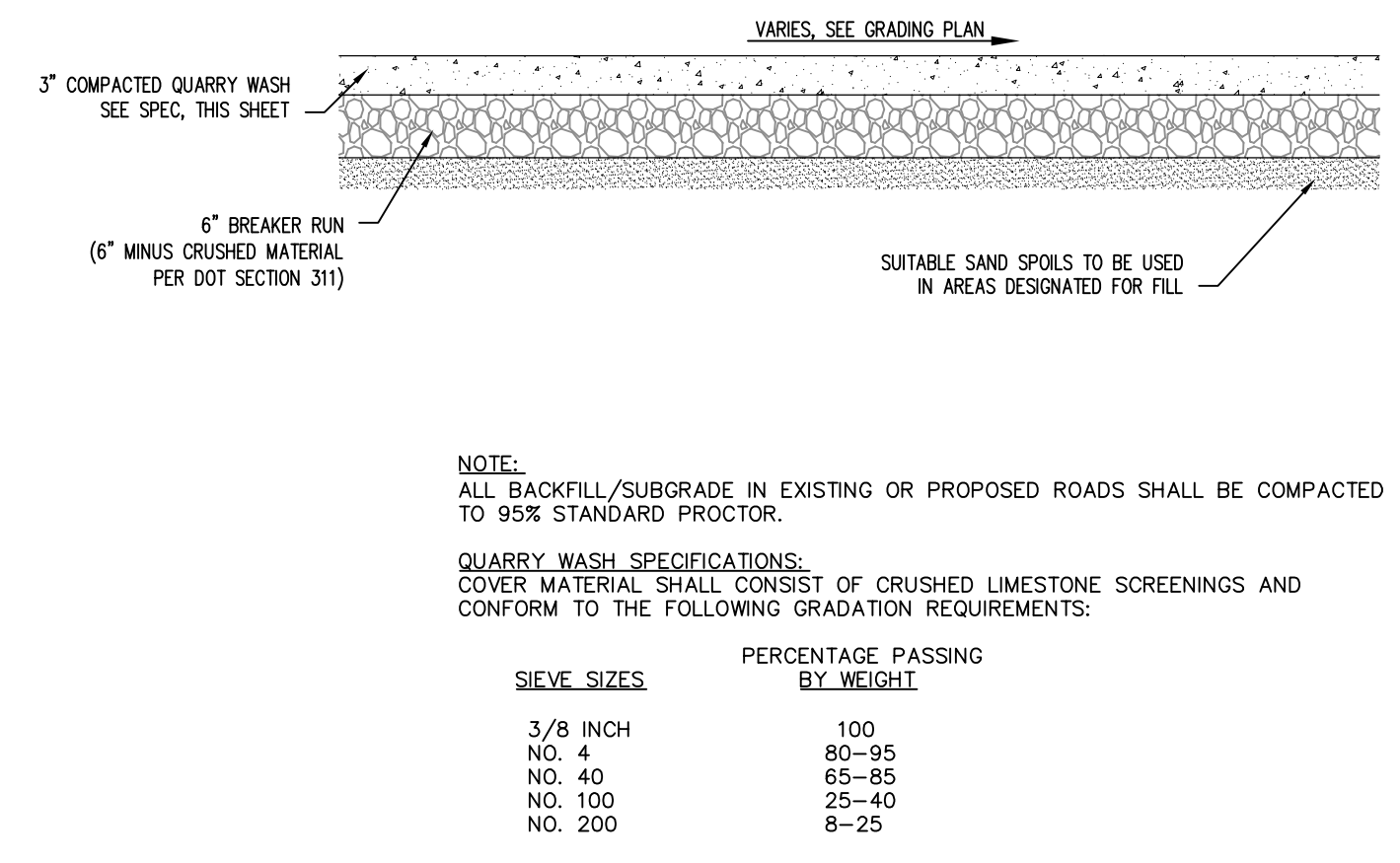
Temporary Stone Tracking Pad Detail
NO SCALE



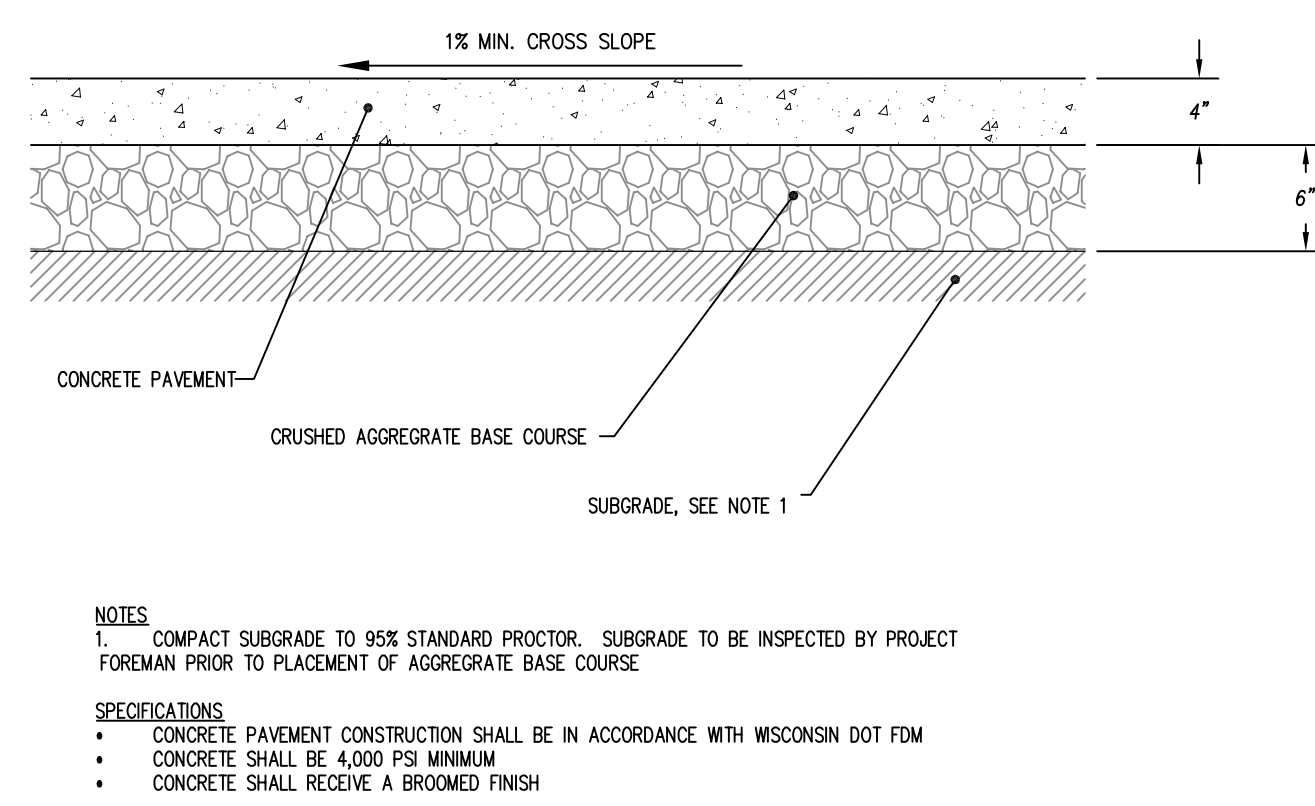
Entrance Driveway Detail A-A
NO SCALE



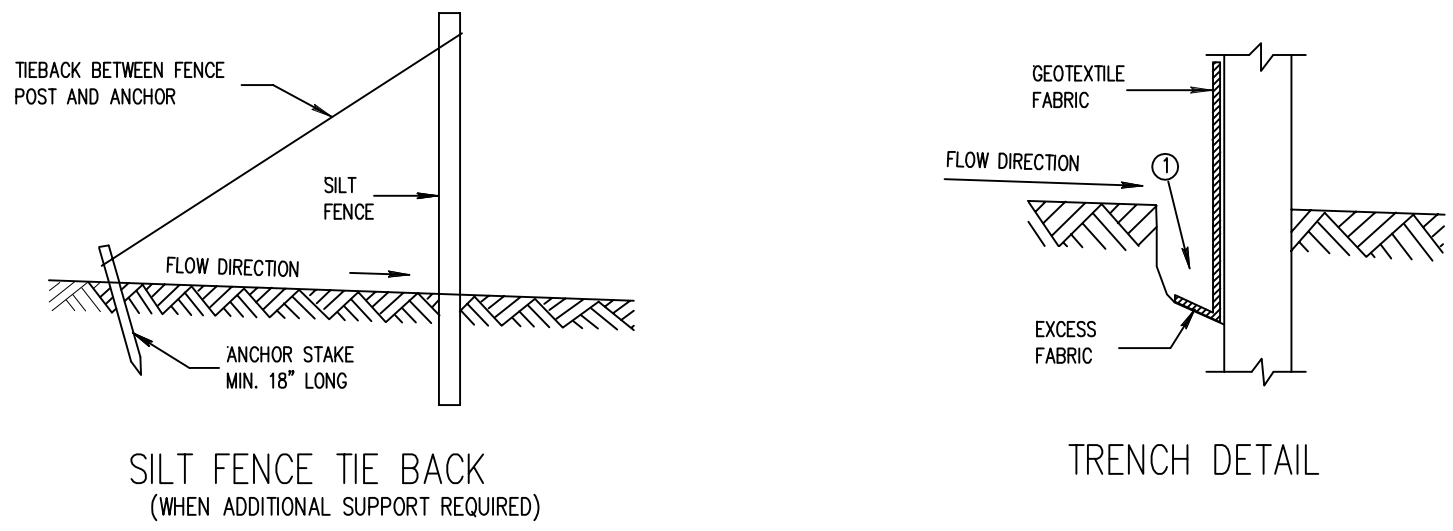
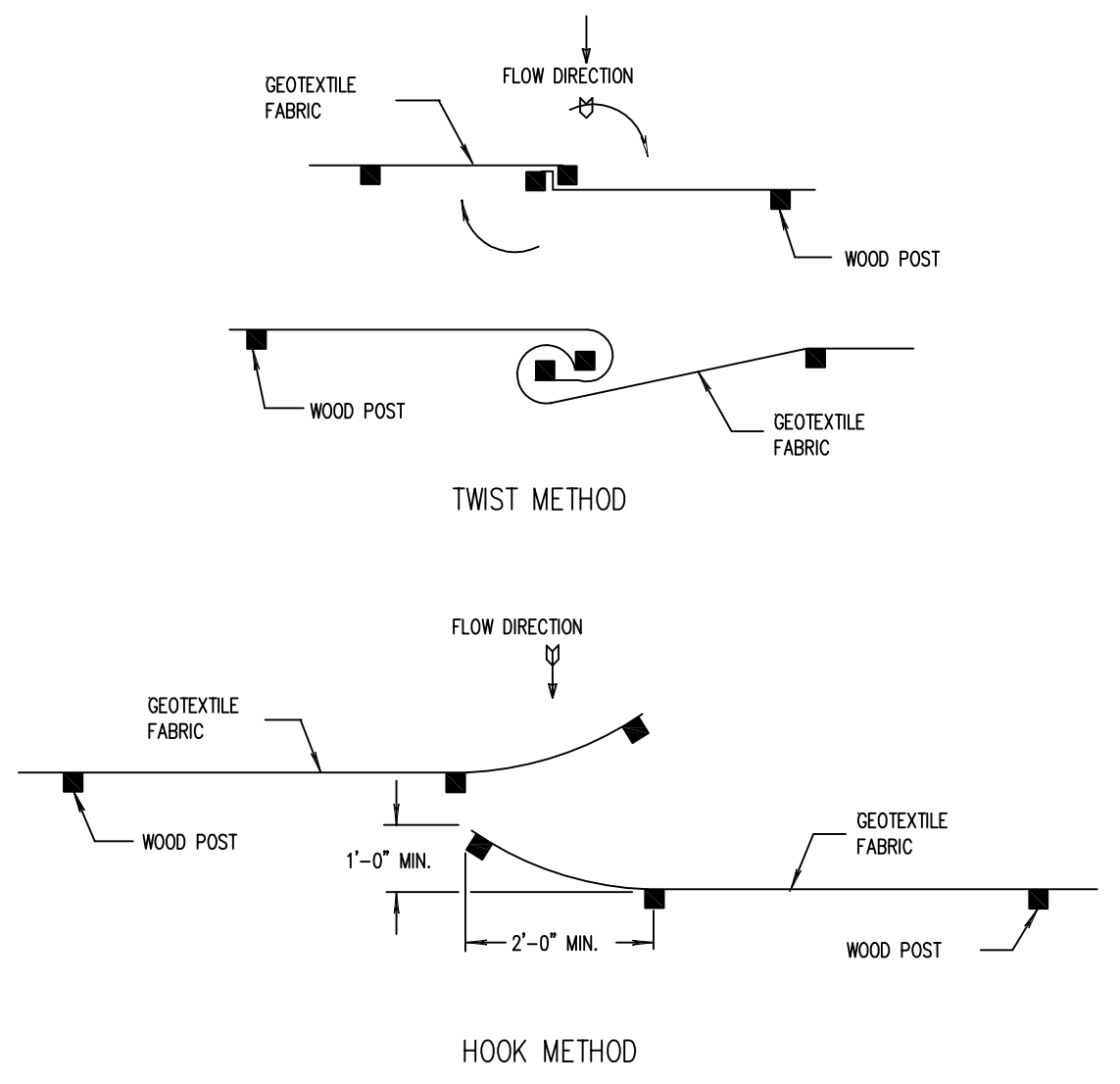
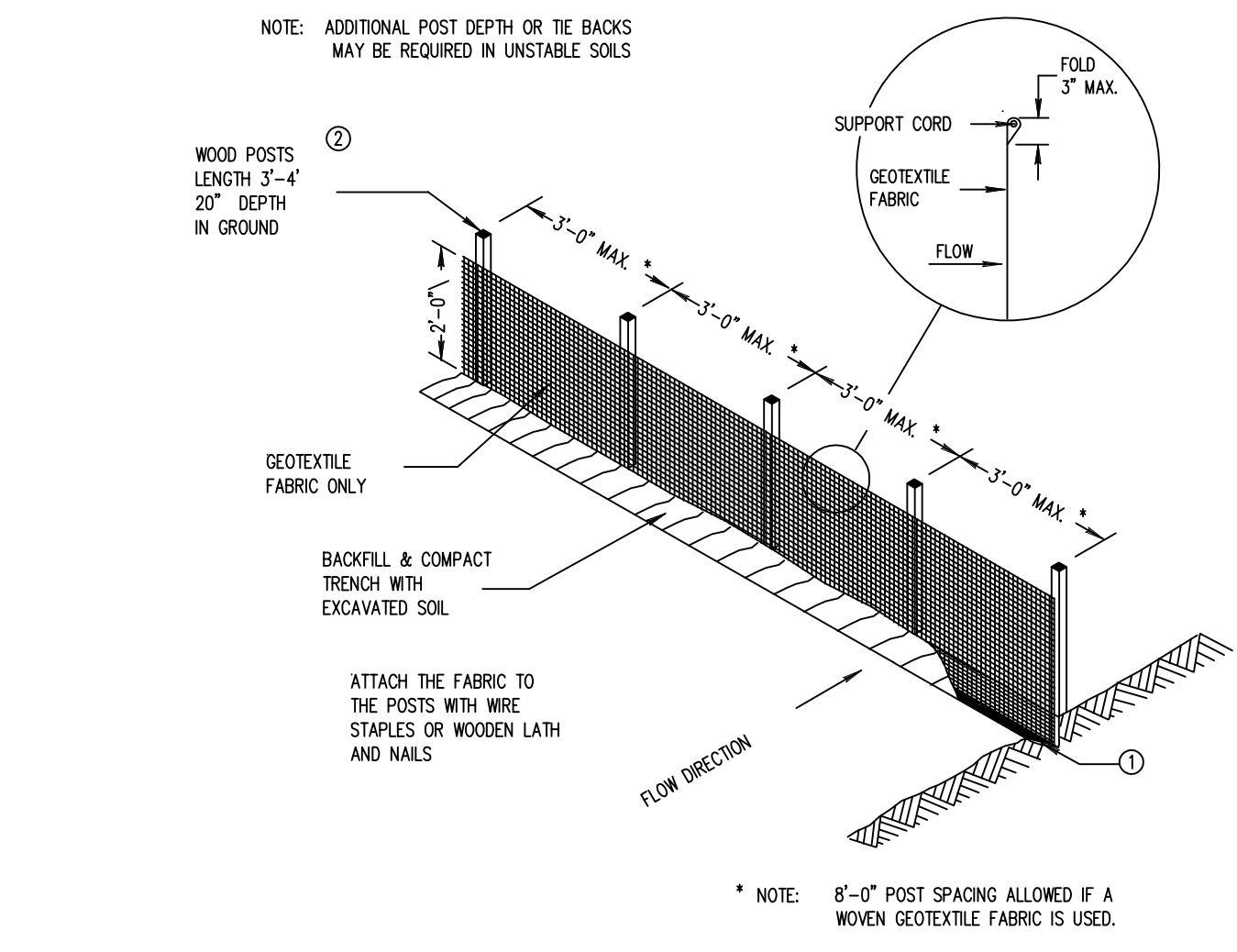
Access Drives - RV Pad - Parking Lot
& Dumpster Pad Cross-Section
NO SCALE



Concrete Sidewalk Detail
NO SCALE



Silt Fence Detail
NO SCALE



- GENERAL NOTES
1. TRENCH SHALL BE A MINIMUM OF 4\"/>

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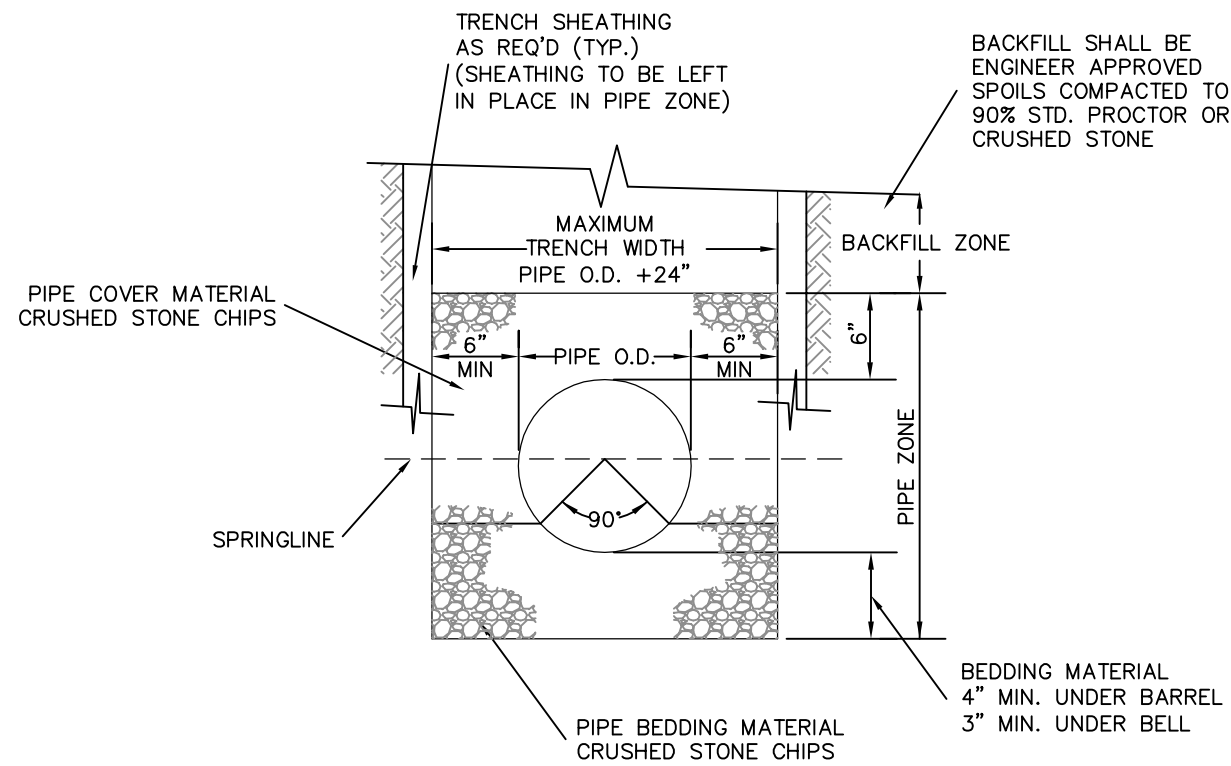
PROJECT DIRECTOR:
J. J. BUDNICK
DESIGNED BY:
P. J. H.
DATE:
7-4-07
CHECKED BY:
J. J. BUDNICK
DATE:
7-4-07
JOB NUMBER:
13744

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C301

Culvert & Storm Sewer Bedding Detail

NO SCALE

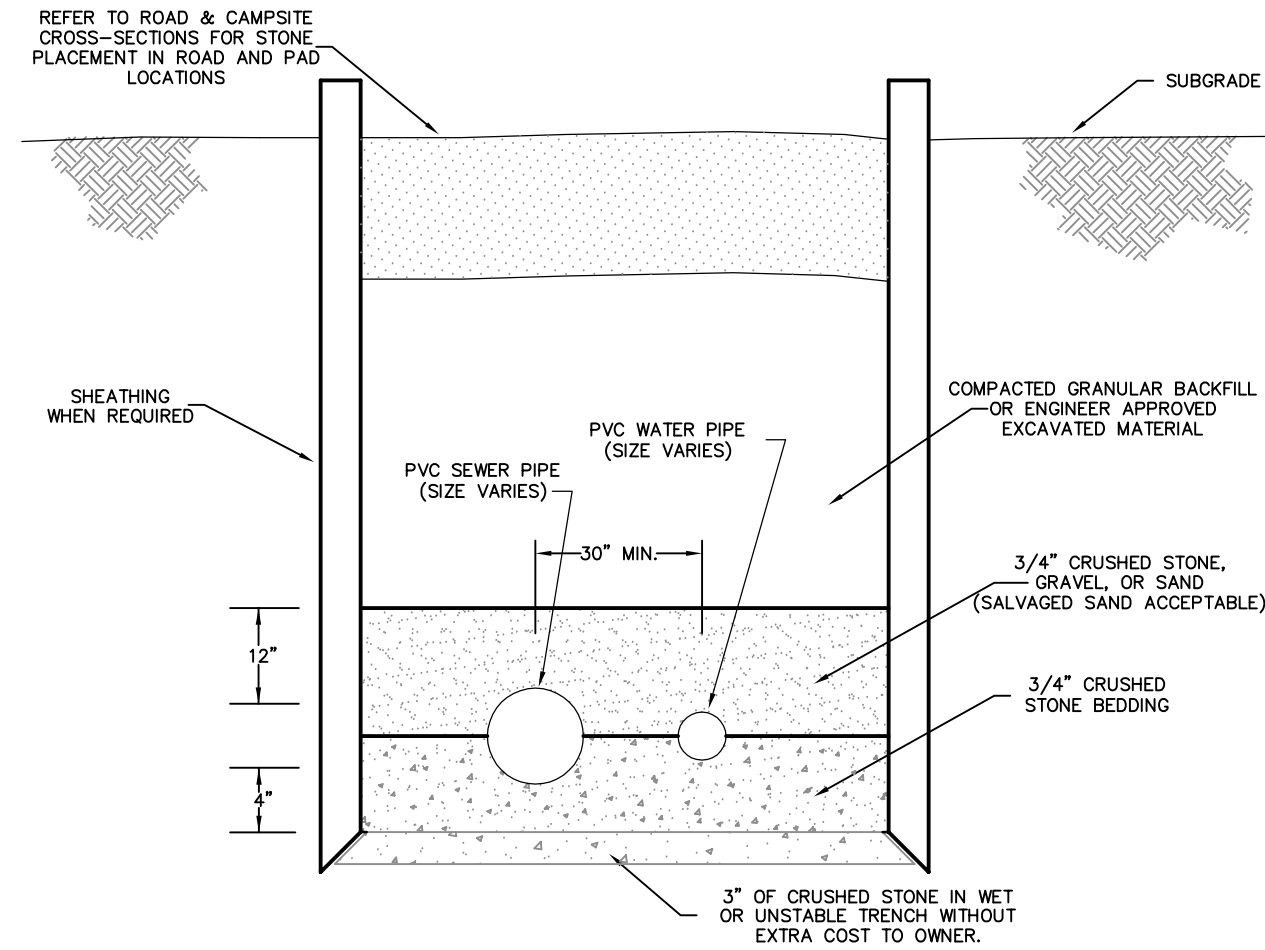


NOTE:

- 3" OF ADDITIONAL CRUSHED STONE REQUIRED IN WET TRENCH AT NO ADDITIONAL COST.
- BURIED DEPTHS VARY. SEE GRADING PLAN FOR CULVERT/STORMSEWER INVERTS AND DEPTHS.

Standard Trench Section

NO SCALE

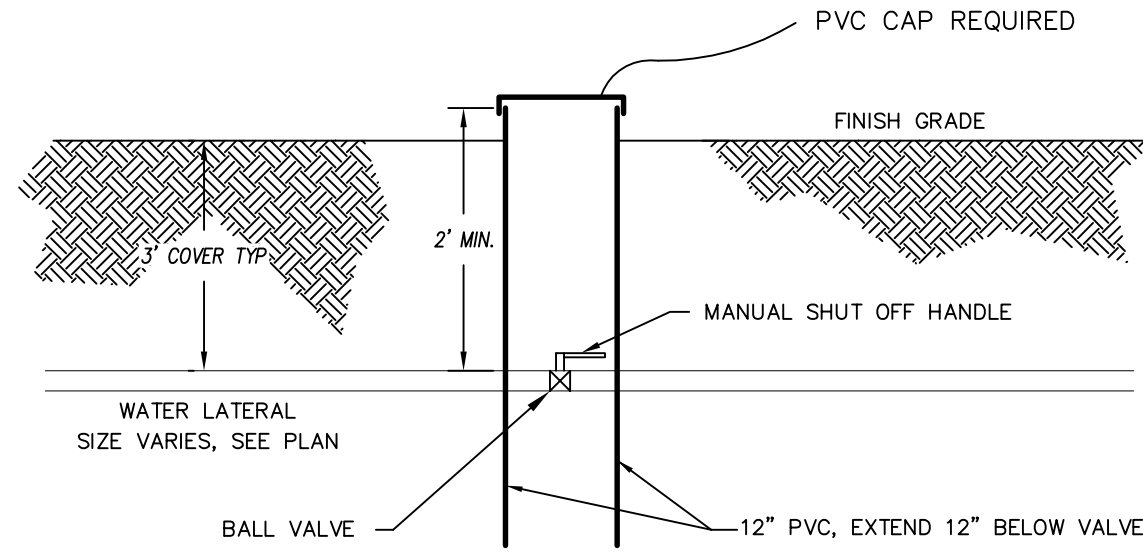


NOTE:

- BURIED DEPTHS VARY. SEE UTILITY PLANS AND PROFILES FOR SEWER AND WATER DEPTHS.
- WATER SERVICE TO MAINTAIN 3' COVER WHERE NOT IN THE SAME TRENCH AS SEWER.
- CAMPSITE IS FOR SUMMER USE ONLY AND WILL BE WATERIZED AT END OF SEASON. THEREFORE PROJECT SITE EXEMPT FROM MINIMUM SEWER DEPTH PER SPS 382.30(1)(c)(2)(e).
- WHERE WATER SERVICE CROSSES SANITARY SEWER, WATER PIPING TO BE INSTALLED AT LEAST 12-INCHES ABOVE TOP OF SEWER. SEE UTILITY PLANS AND PROFILES FOR LOCATIONS.
- TRACER WIRE SHALL BE INSTALLED FOR ALL NON-METALLIC SEWER AND WATER PIPING. WIRE SHALL BE INSTALLED DIRECTLY ABOVE THE TOP OF PIPE AND WITHIN 6-INCHES OF THE PIPE. WHERE SEWER AND WATER PIPING SHARE A COMMON TRENCH, TRACER WIRE NEED ONLY BE INSTALLED AT WATER PIPE.
- ALL SEWER AND WATER SYSTEMS MATERIAL SHALL BE IN ACCORDANCE WITH SPS 384.
- PVC FOR WATER DISTRIBUTION SHALL BE SCH 40 PER ASTM D1785, OR APPROVED EQUAL.

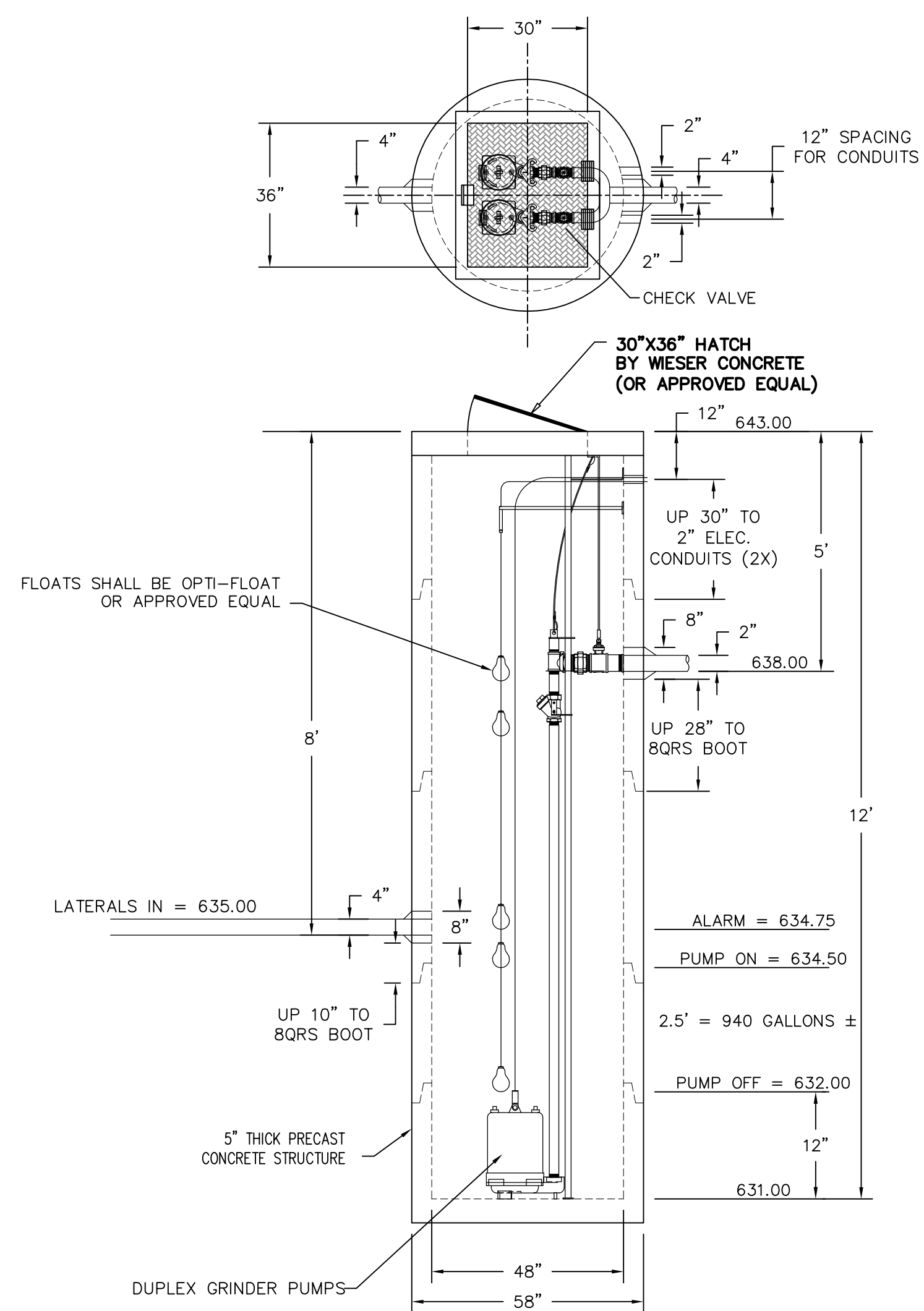
Watermain Ball Valve Typical Detail

NO SCALE



Lift Station Detail (Duplex Grinder)

NO SCALE



PUMP DESIGN

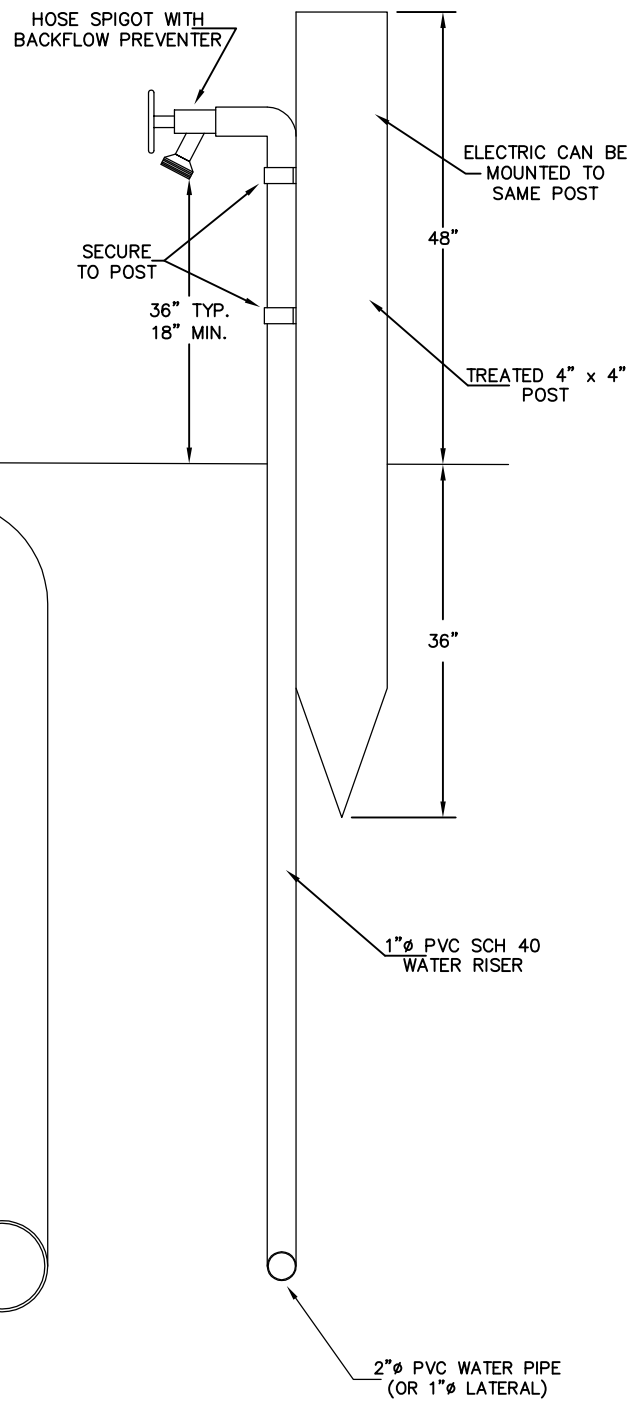
PROPOSED FLOW = 30 GPM
2" FORCE MAIN LENGTH MAX. = 830'
ELEVATION AT SETTLING TANK = 652.00
PUMP OFF AT LIFT STATION = 632.00
ELEV. HEAD = 652.00 - 632.00 = 20.00 FT
2" @ 30 GPM FRICTION HEAD = 830' x 1.54 FT/100 FT = 12.78 FT
FITTING, ETC. = 5.00 FT
TDH = 37.78 FT
MINIMUM REQUIRED: DUPLEX GRINDER PUMPS RATED AT 30 GPM @ 37.78 FT TDH
SELECT LSG200, 2HP, SINGLE PHASE GRINDER PUMPS RATED AT 30 GPM @ APPROX. 75' TDH

NOTES:

- CONTRACTOR TO PROVIDE A TEE AND THREADED CAP IN DISCHARGE LINE OR SOME OTHER METHOD TO ALLOW FORCEMAIN TO BE BLOWN OUT AT THE END OF THE SEASON.

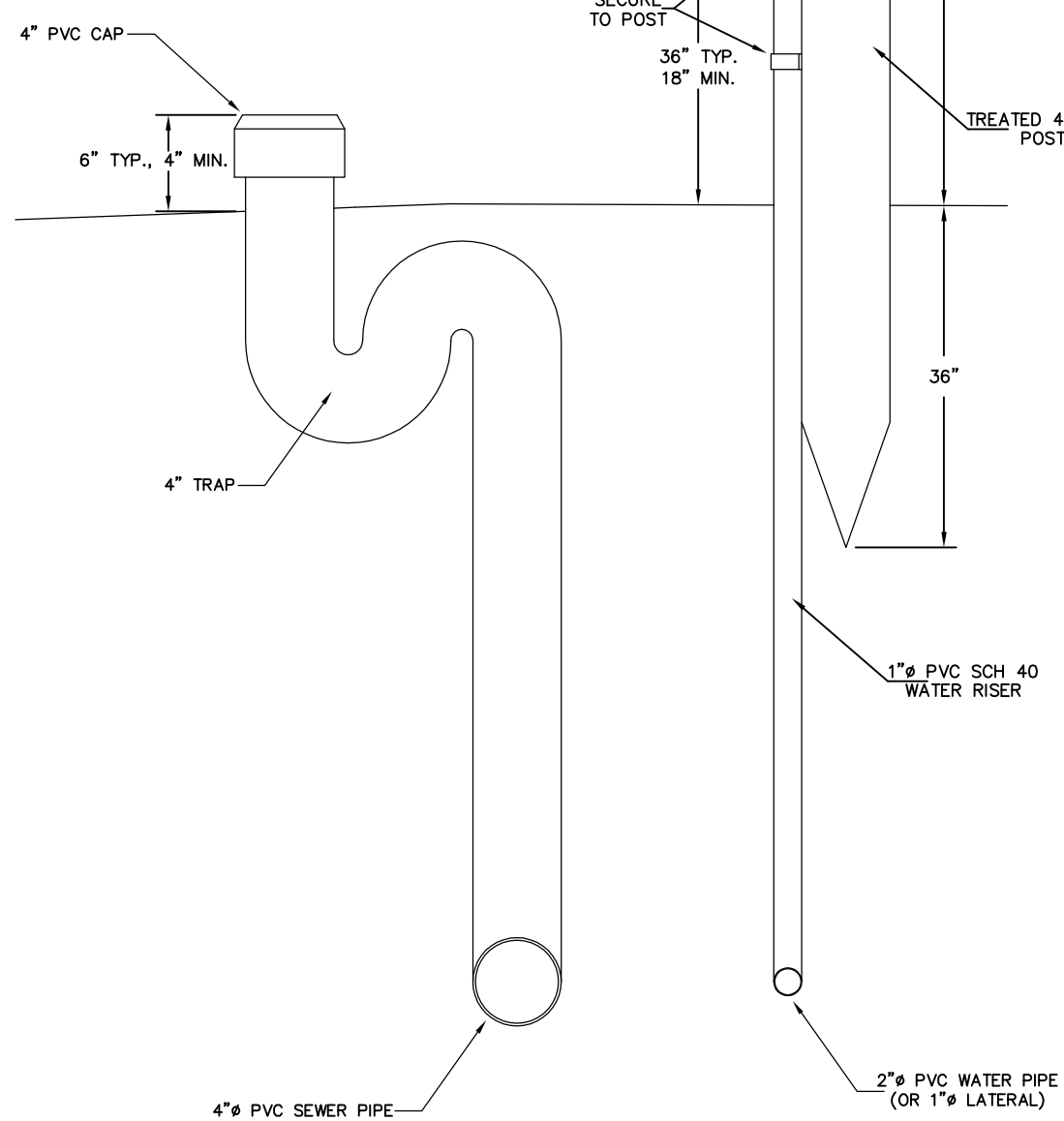
Water Riser Detail

NO SCALE



Sewer Riser Detail

NO SCALE

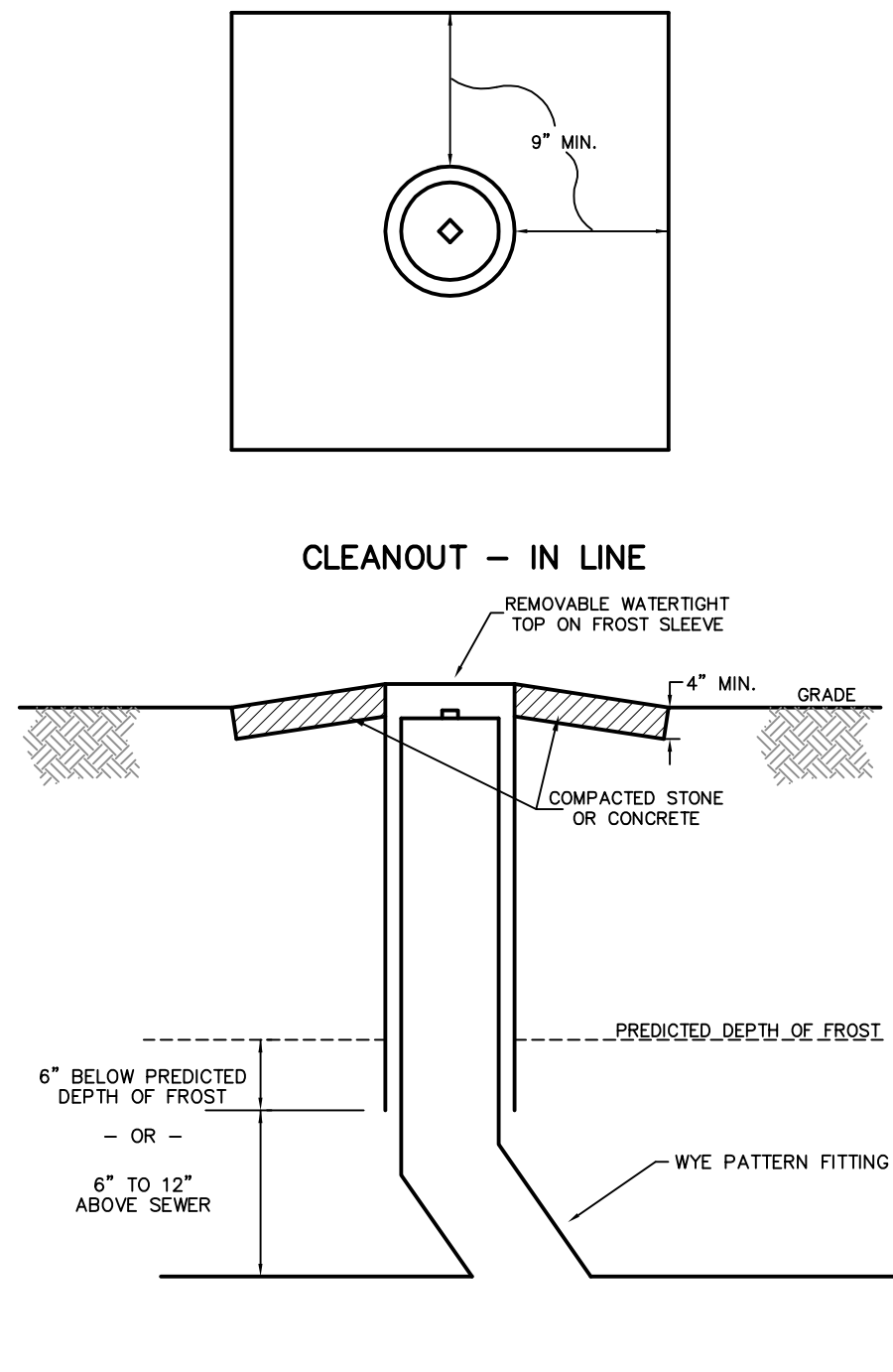


NOTE:

- BACKFLOW PREVENTERS FOR WATER RISERS AND HOSE THREADED OUTLETS SHALL BE IN COMPLIANCE PER ASSE 1011.

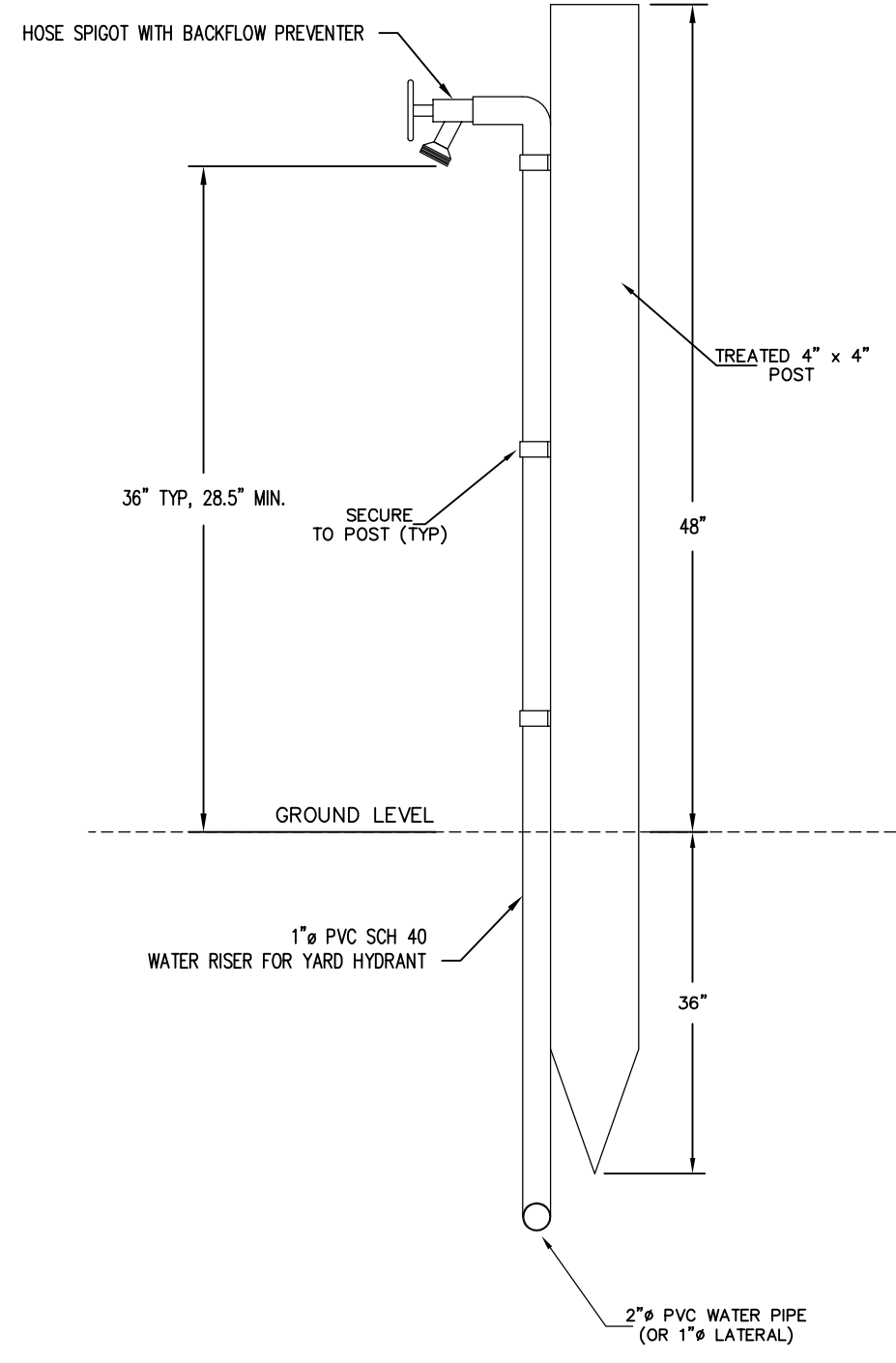
Clean-out Detail

NO SCALE



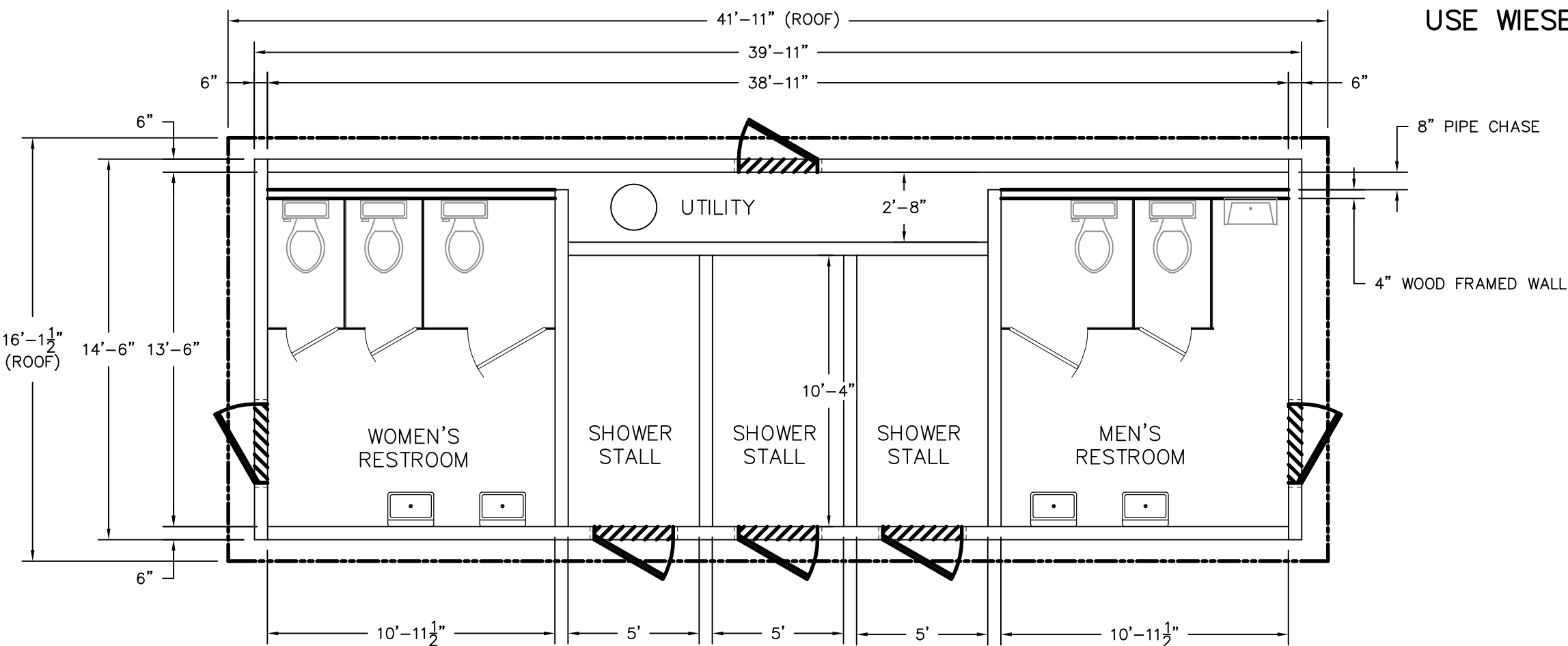
Yard Hydrant Detail

NO SCALE

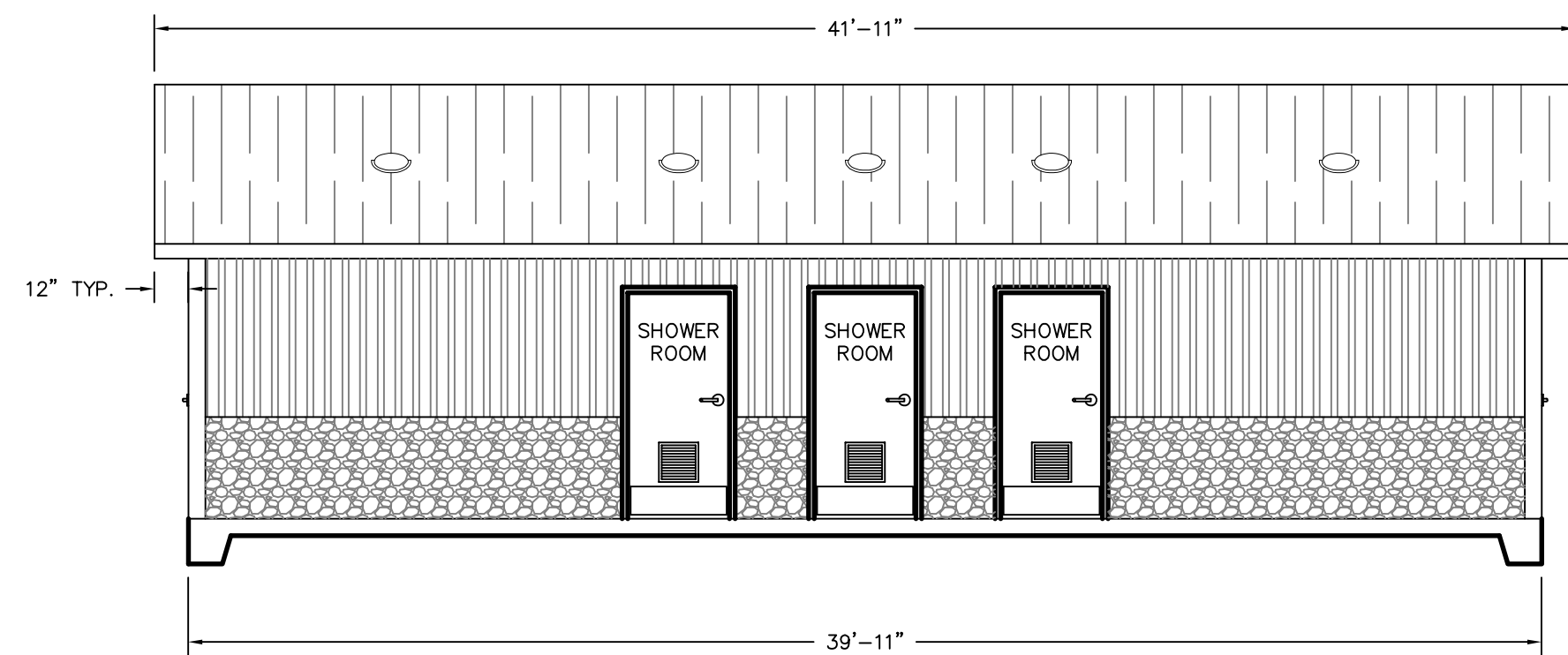


NOTE:

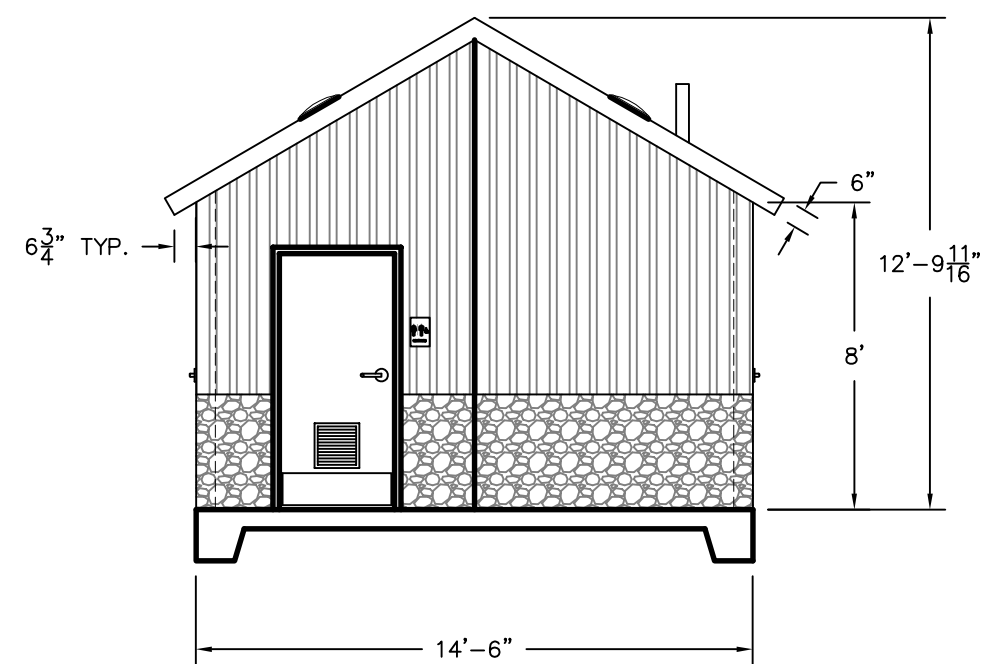
- BACKFLOW PREVENTERS FOR WATER RISERS AND HOSE THREADED OUTLETS SHALL BE IN COMPLIANCE PER ASSE 1011.
- YARD HYDRANT SHALL NOT HAVE UNDERGROUND WEEP HOLE FOR FROST-PROOF CAPABILITY. PER SPS 382.40(8)(e)(2).
- CAMPSITE IS SEASONAL AND ALL WATER LINES SHALL BE BLOWN OUT AT THE END OF SEASON TO PREVENT WATER LINES FROM FREEZING.
- HYDRANT NOZZEL SHALL BE SIMILAR TO CAMPSITE RISERS OR EQUIVALENT PER OWNERS DIRECTION.



TOP VIEW



FRONT ELEVATION VIEW

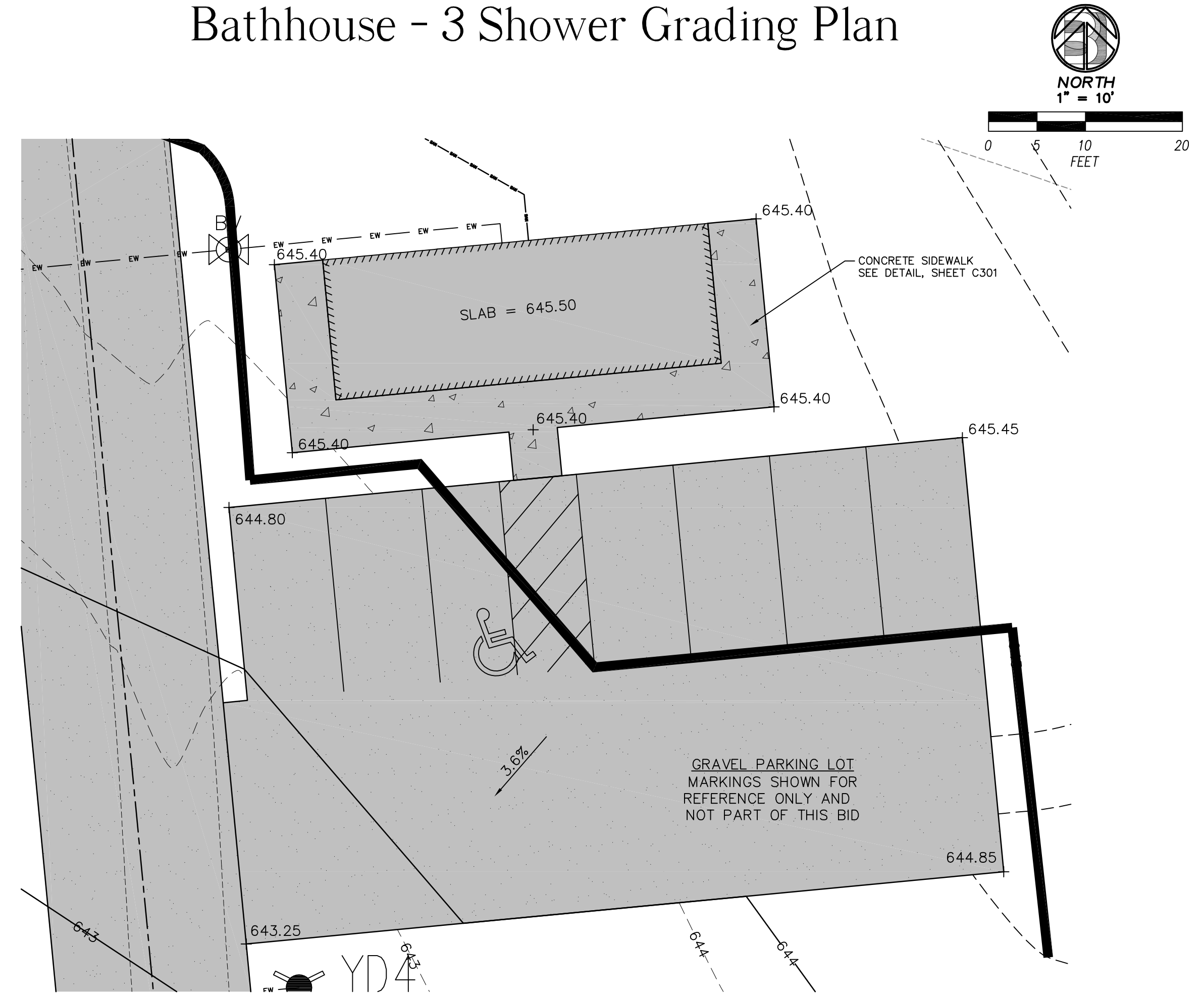


SIDE ELEVATION VIEW

Bathhouse - 3 Shower

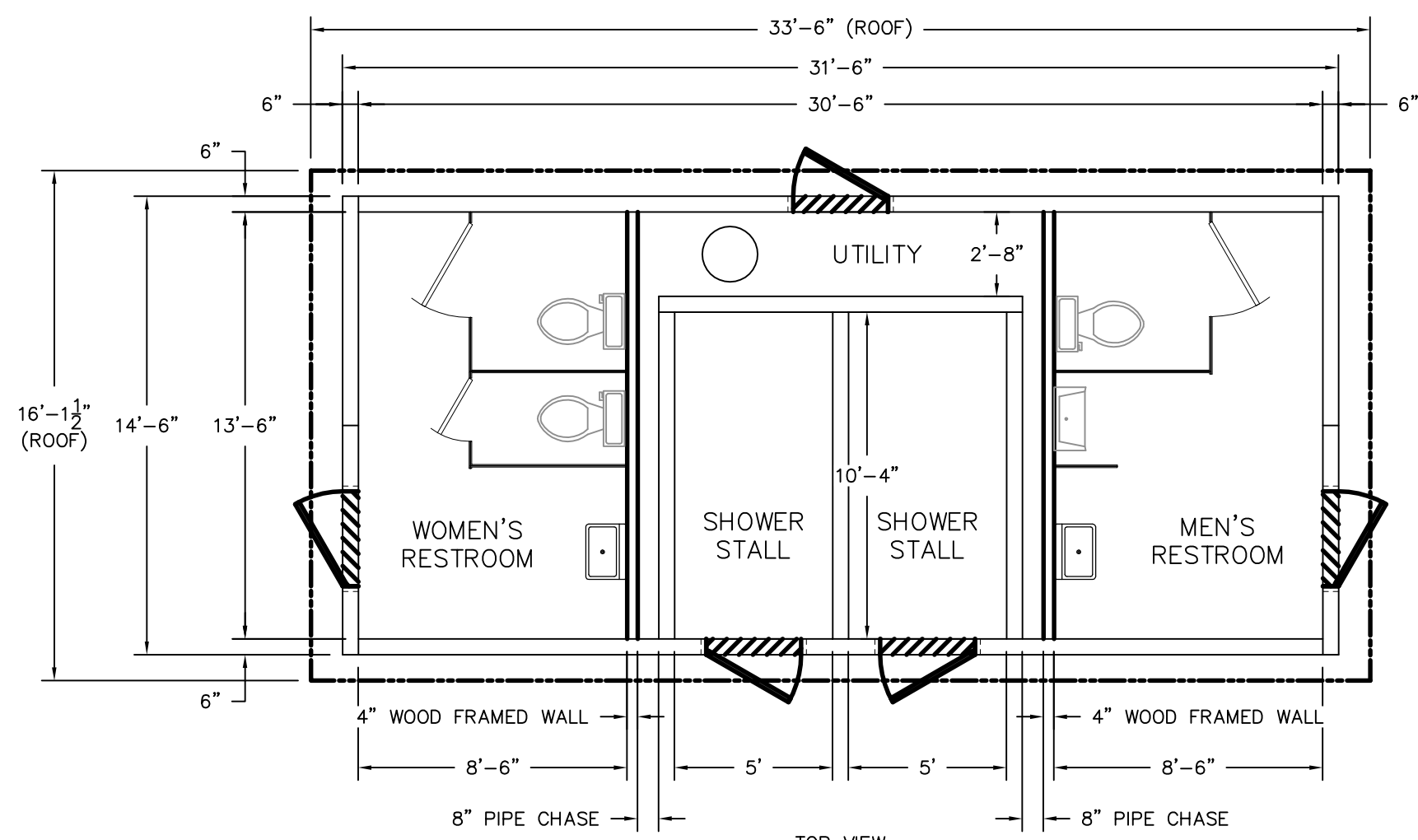
USE WESER CONCRETE OR APPROVED EQUAL
NO SCALE

Bathhouse - 3 Shower Grading Plan

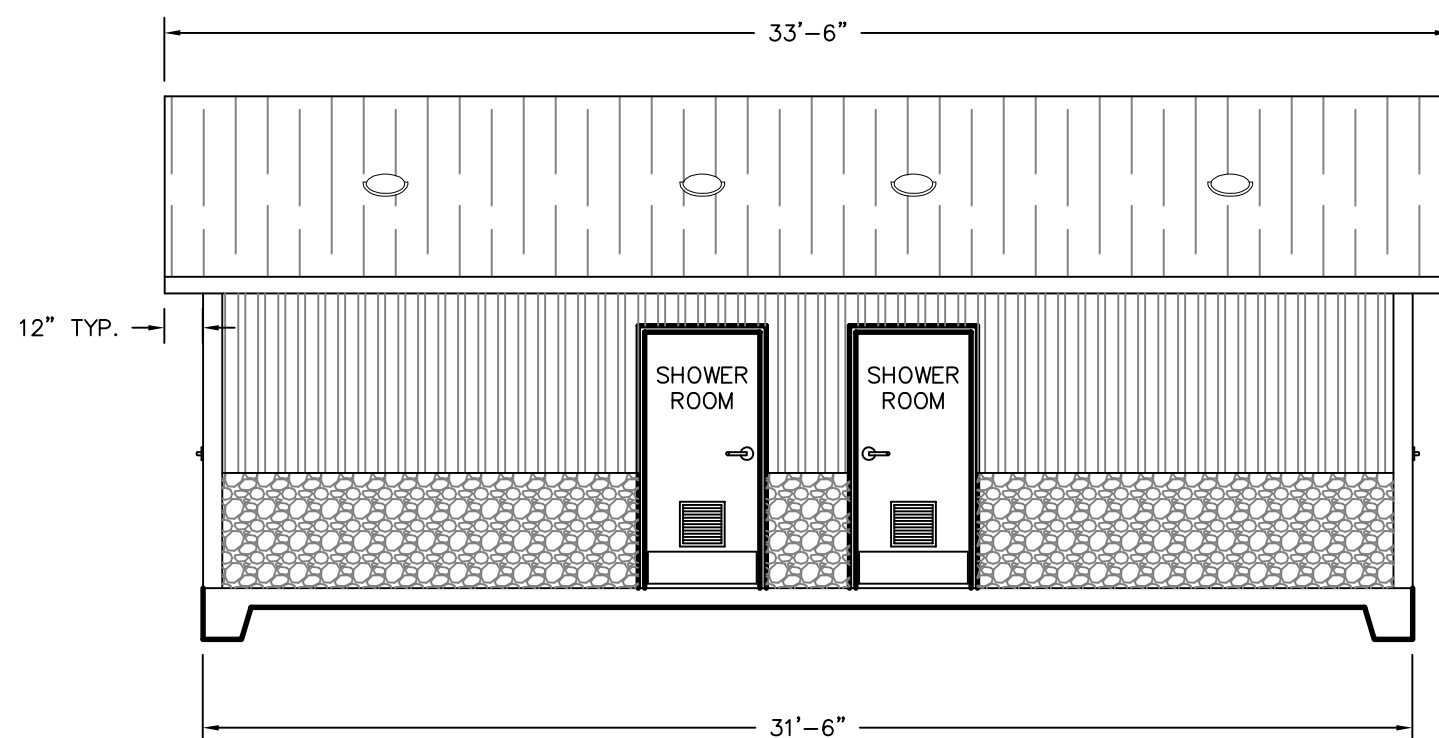


Bathhouse - 2 Shower

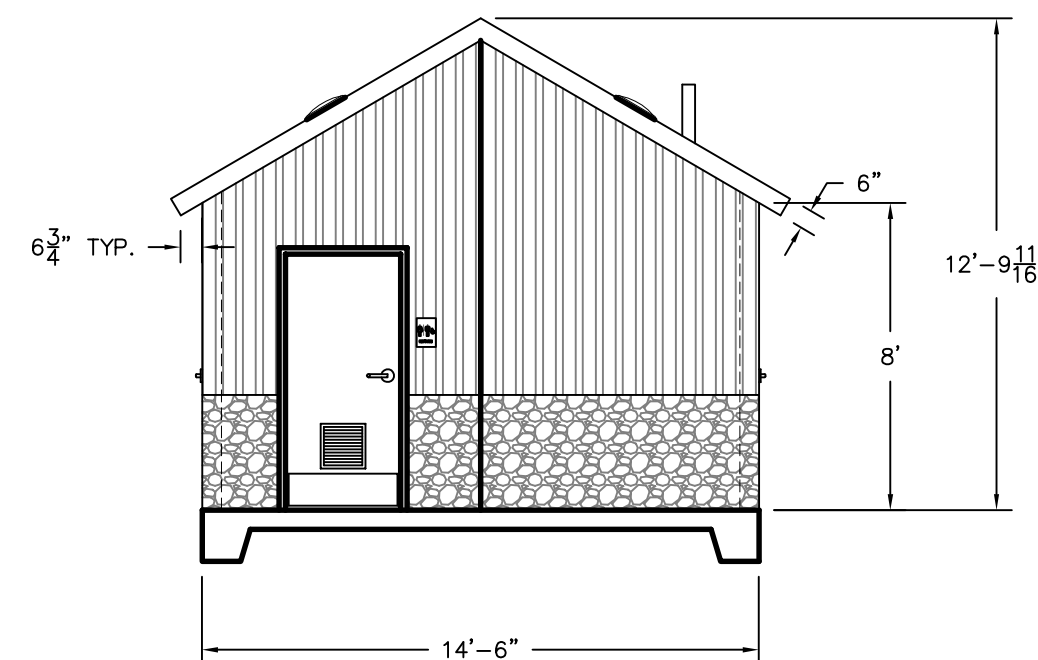
USE WESER CONCRETE OR APPROVED EQUAL
NO SCALE



TOP VIEW

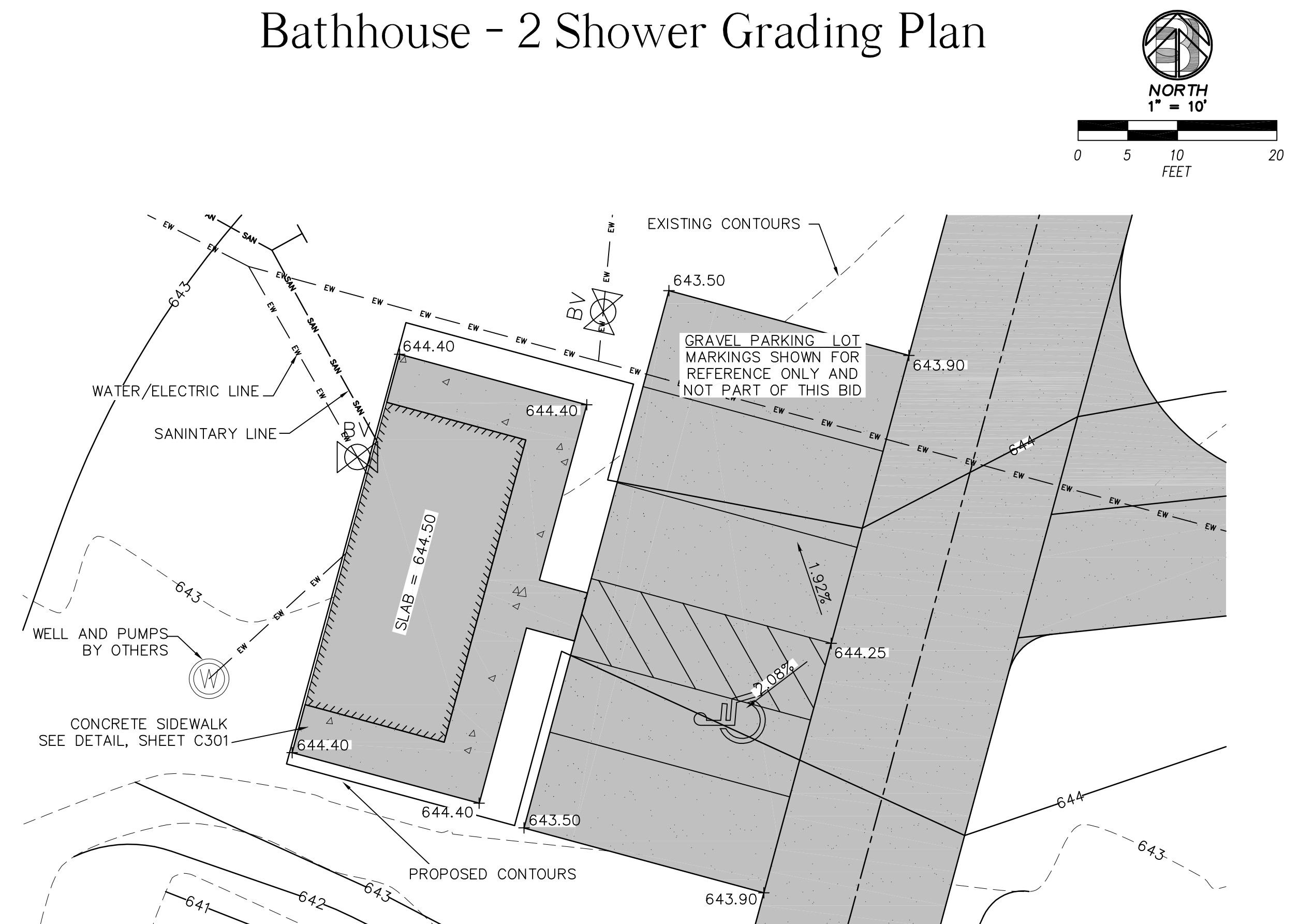


FRONT ELEVATION VIEW



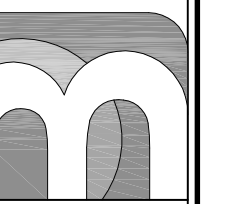
SIDE ELEVATION VIEW

Bathhouse - 2 Shower Grading Plan



PROJECT DIRECTOR:	DESIGNED BY:	DRAWN BY:
WESER ENGINEERING	P.J.H.	P.J.H.
DATE: 7-44-07	DATE: 7-44-07	DATE: 7-44-07
REVISIONS:	REVISIONS:	REVISIONS:
1	2	3
AS NOTED	AS NOTED	AS NOTED

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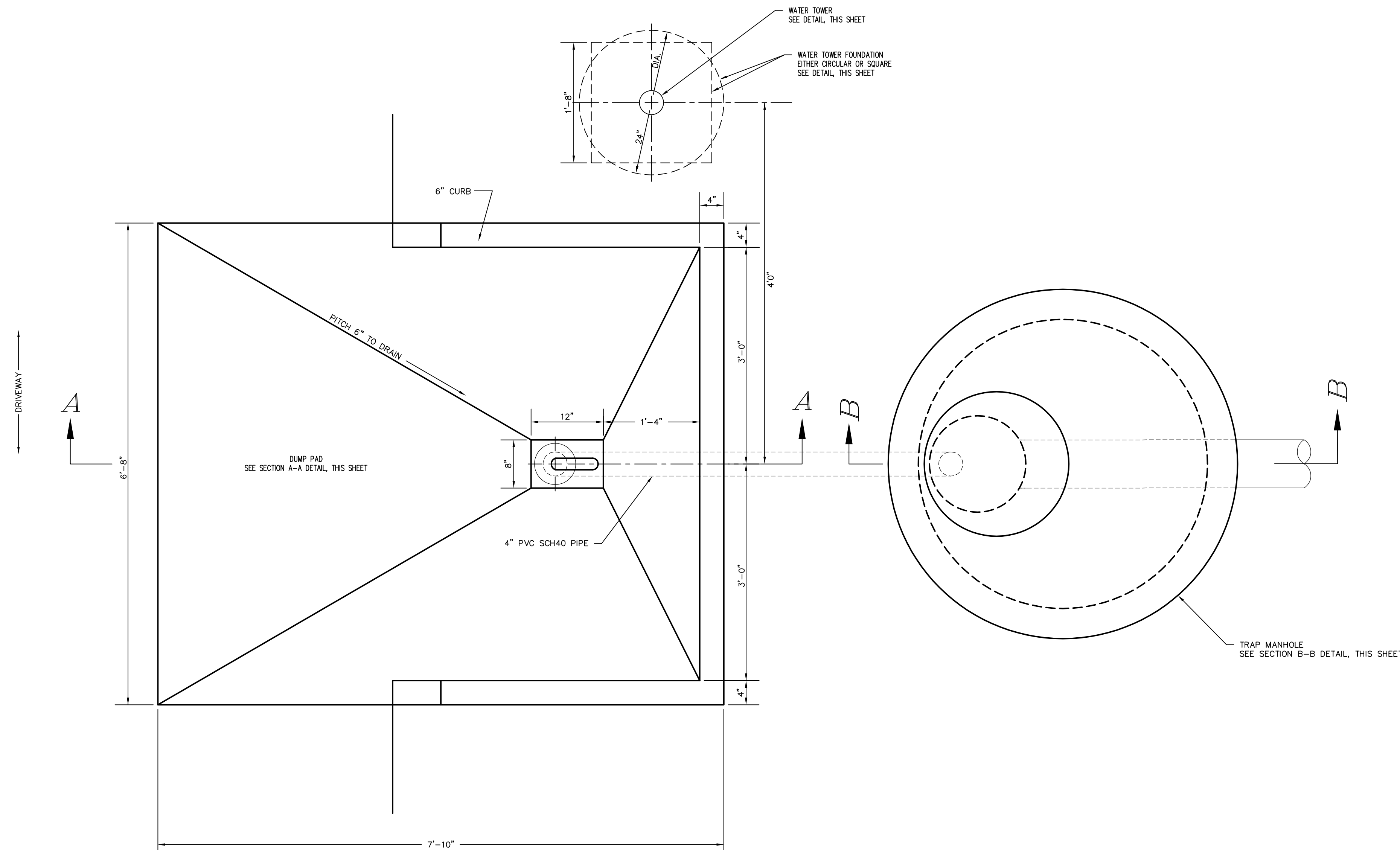
Brown County Reforestation Camp
Campground

BATHHOUSE
DETAILS

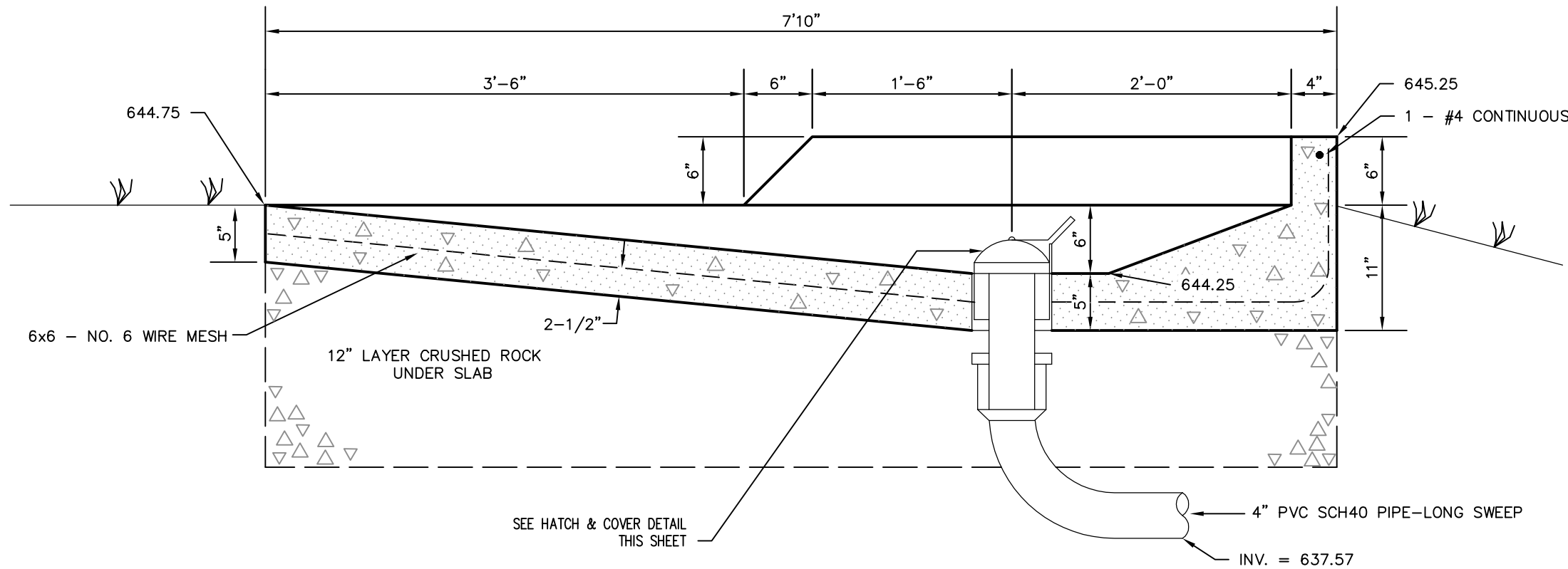
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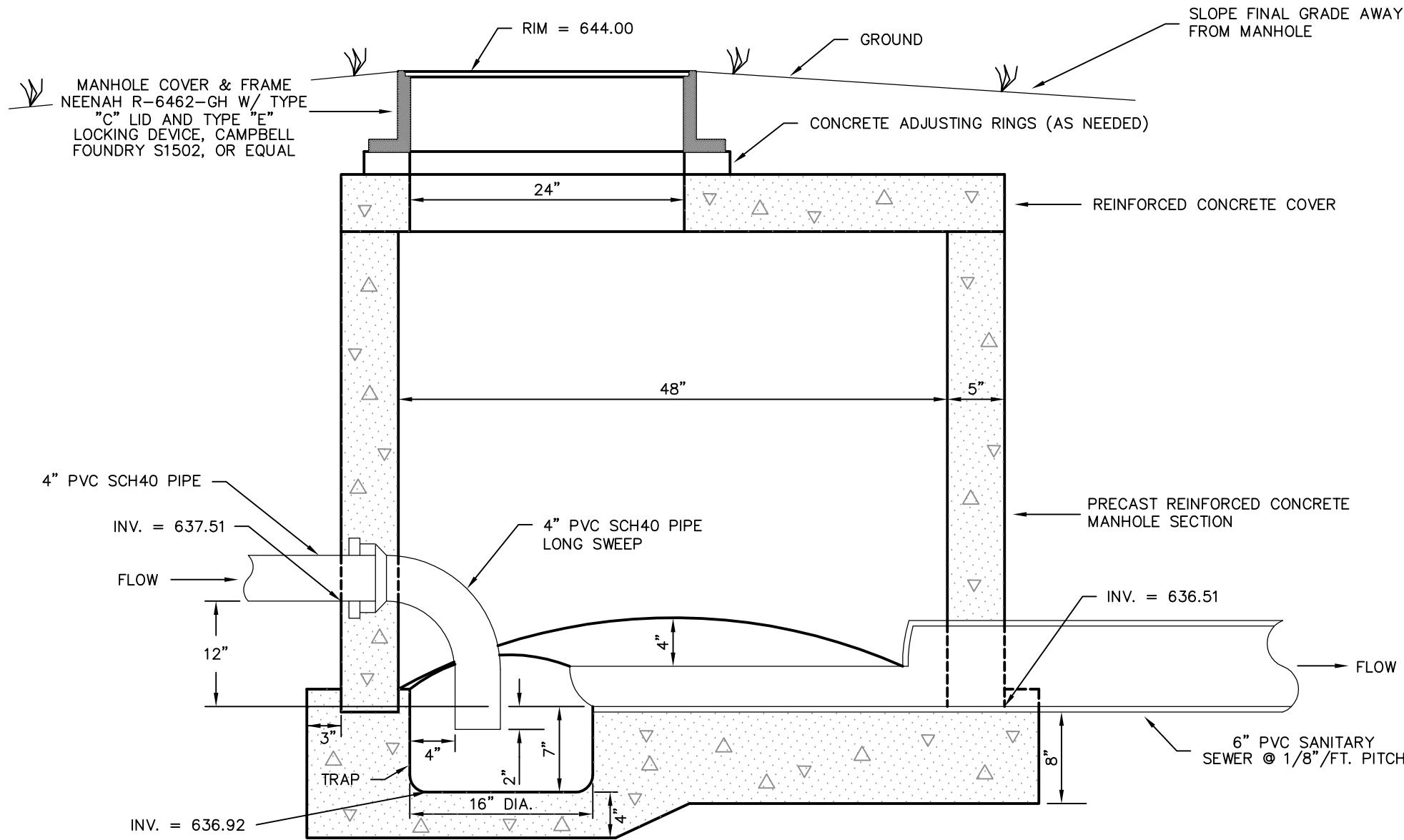
Dump Station Plan View
NO SCALE



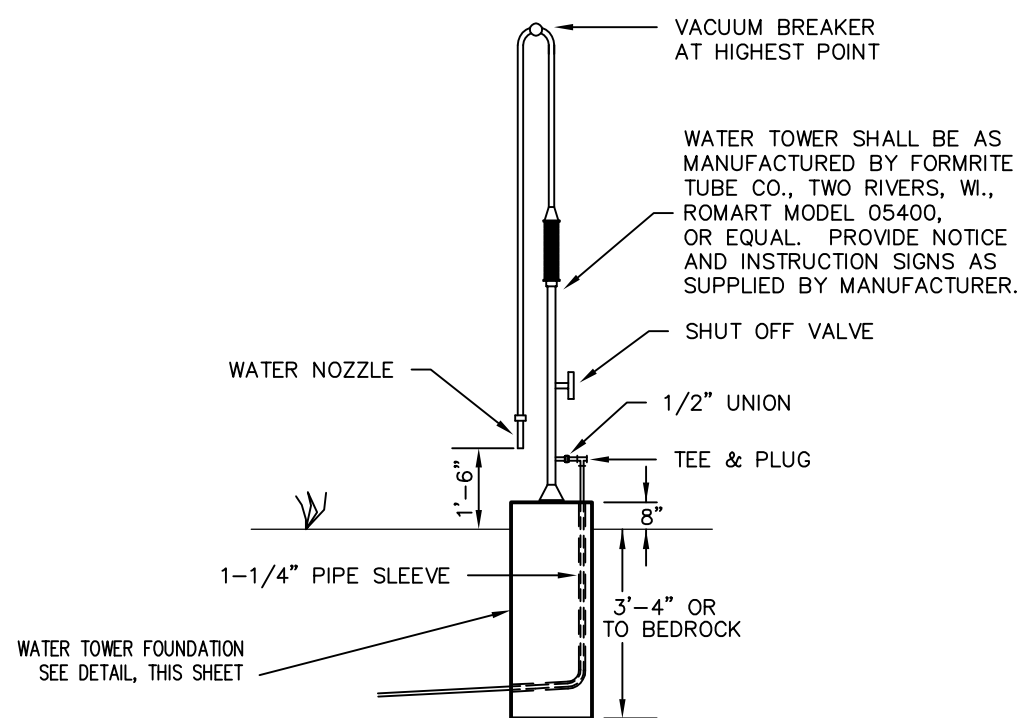
Section A - A
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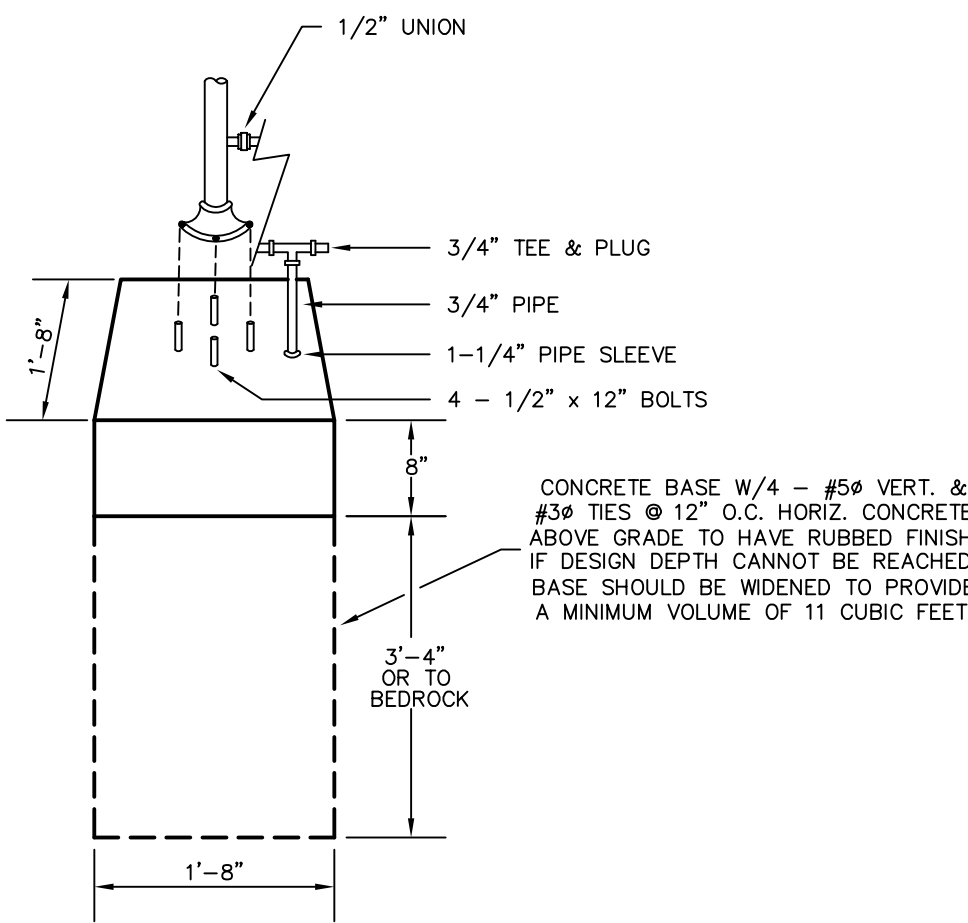
Section B - B
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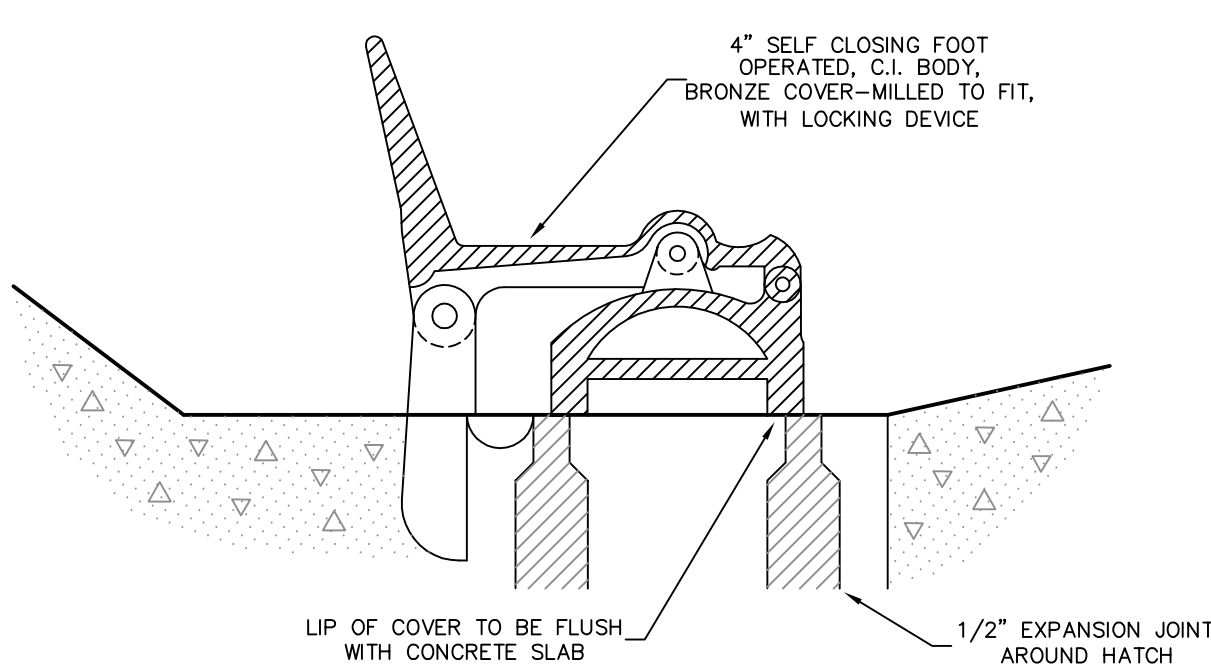
Water Tower Detail
NO SCALE

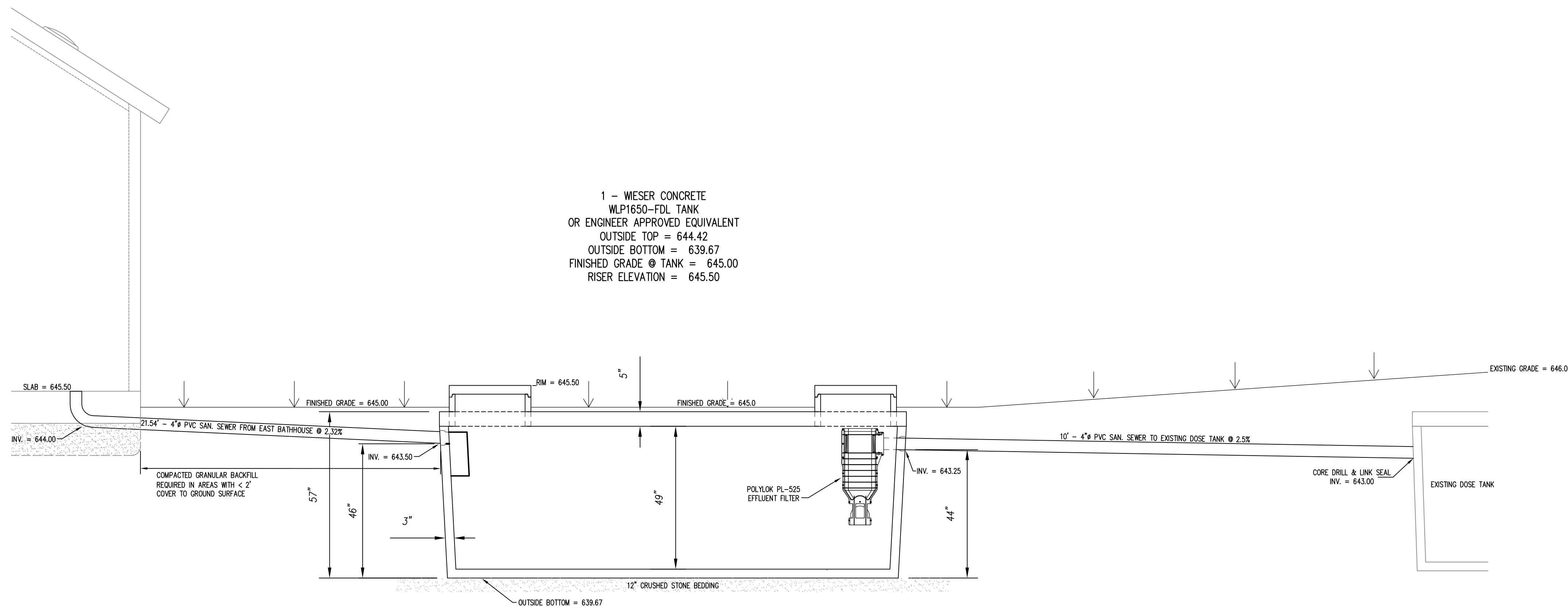
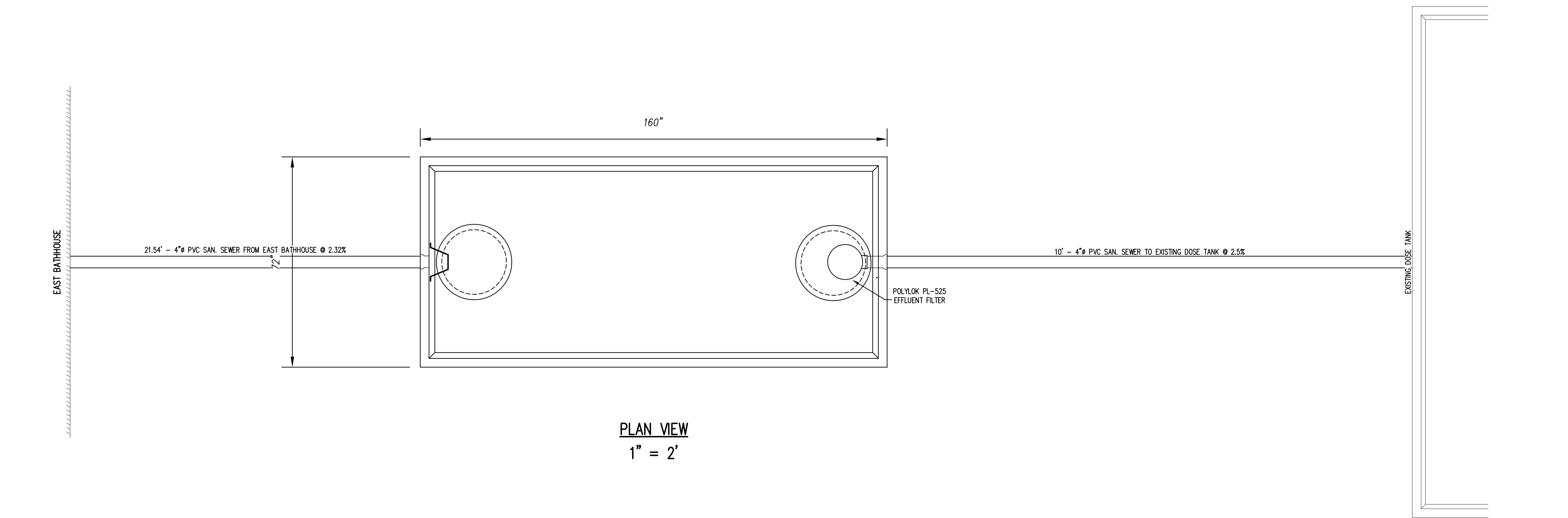


Water Tower
Foundation Detail
NO SCALE



Hatch & Cover Detail
NO SCALE

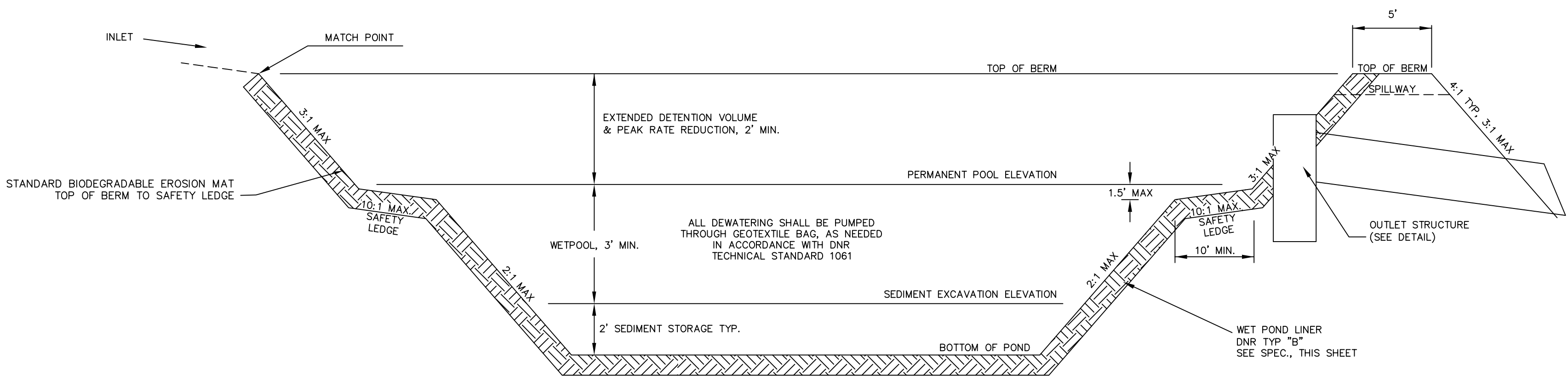




1 - WIESER CONCRETE
WLP1650-FDL TANK
OR ENGINEER APPROVED EQUIVALENT
OUTSIDE TOP = 644.42
OUTSIDE BOTTOM = 639.67
FINISHED GRADE @ TANK = 645.00
RISER ELEVATION = 645.50

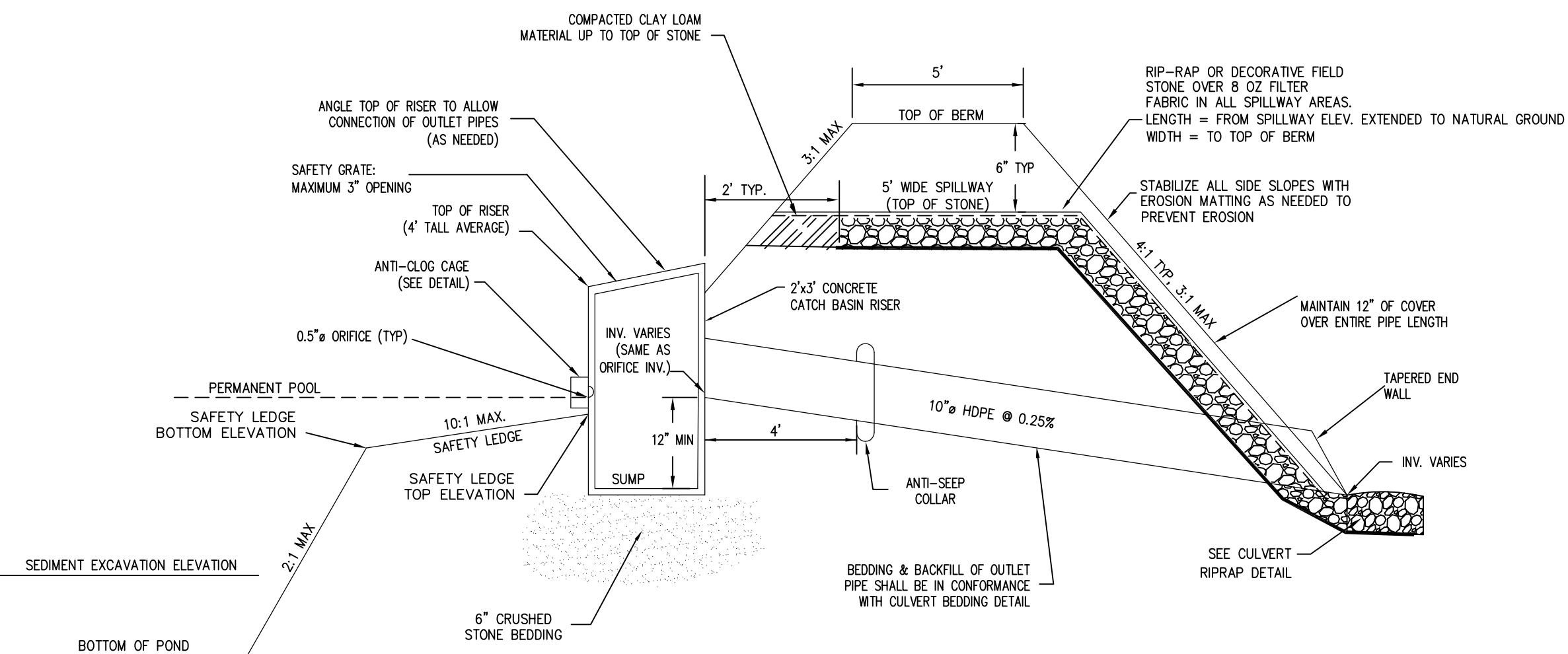
Typical Wet Pond Detail

NO SCALE
(SEE GRADING PLAN AND ELEVATION TABLE FOR ELEVATIONS FOR EACH POND)



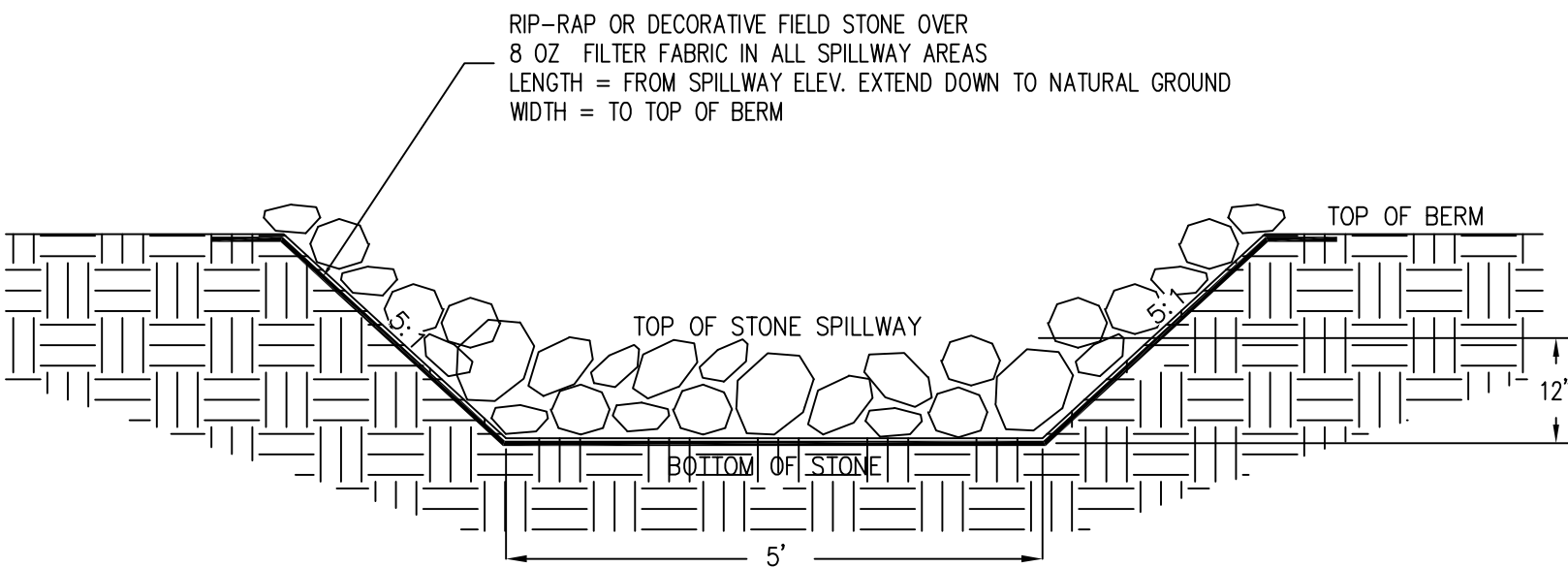
Typical Pond Outlet Structure Detail

NO SCALE
(SEE GRADING PLAN AND ELEVATION TABLE FOR ELEVATIONS FOR EACH POND)



Typical Pond Spillway Detail

NO SCALE
(SEE GRADING PLAN AND ELEVATION TABLE FOR ELEVATIONS FOR EACH POND)



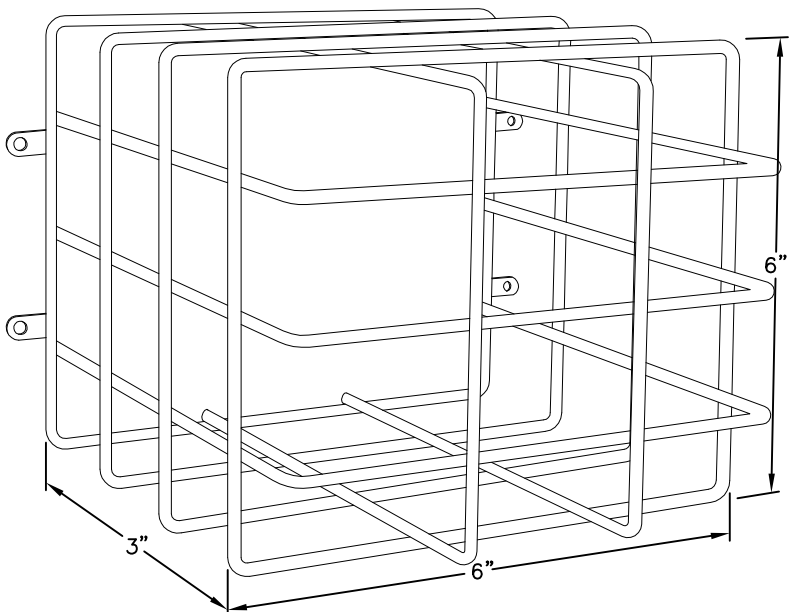
Pond Elevations Table

NO SCALE

POND DETAILS				
	POND A	POND B	POND C	POND D
TOP OF BERM ELEVATION	638.00	640.00	641.00	638.00
SPILLWAY ELEVATION (TOP OF STONE)	637.50	639.50	640.50	637.50
PERMANENT POOL ELEVATION	636.00	638.00	638.00	636.00
SAFETY LEDGE TOP ELEVATION	635.5	637.5	637.5	635.5
SAFETY LEDGE BOTTOM ELEVATION	634.5	636.5	636.5	634.5
SEDIMENT EXCAVATION ELEVATION	633.00	635.00	635.00	633.00
POND BOTTOM ELEVATION	631.00	633.00	633.00	631.00
OUTLET STRUCTURE				
TOP OF RISER ELEVATION	637.25	639.25	639.90	637.25
ORIFICE INVERT ELEVATION	636.00	638.00	638.00	636.00
PIPE INLET INVERT ELEVATION	636.00	638.00	638.00	636.00
PIPE OUTLET INVERT ELEVATION	635.93	637.95	637.87	635.96
PIPE LENGTH	27 LF.	20 LF.	50 LF.	16 LF.

Anti-Clog Cage Detail

NO SCALE

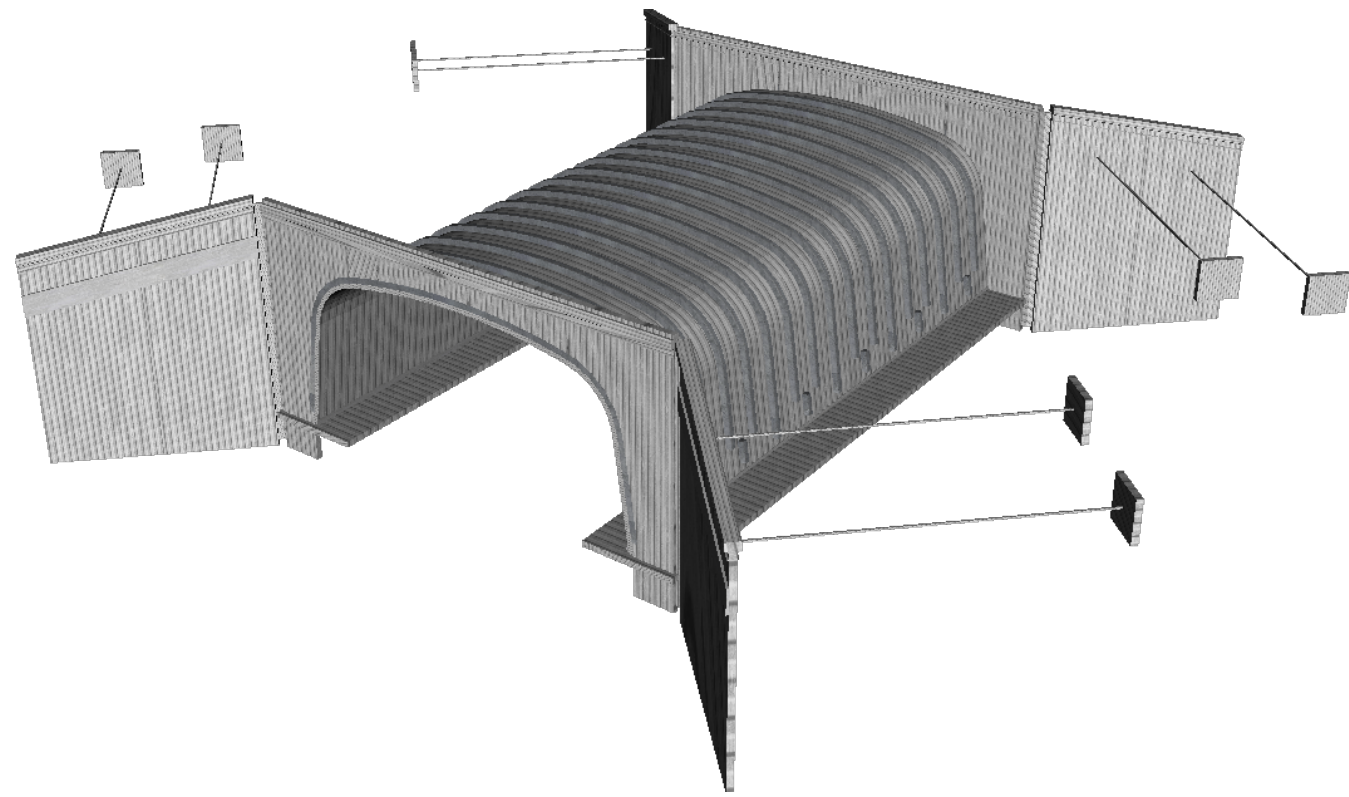


- SPECIFICATIONS:
- EXTEND 3" OUT FROM ORIFICE
 - < 1/2" MAX. OPENINGS - USE SCREENING OVER CAGE OR SIMILAR
 - ATTACH CAGE TO CONCRETE RISER FACE USING MIN (4) 3/8" TAPCONS, OR SIM.
 - DETAIL AS SHOWN ABOVE OR SIMILAR

Wet Pond Liner

PER WET DETENTION POND DNR TECHNICAL STANDARD 1001

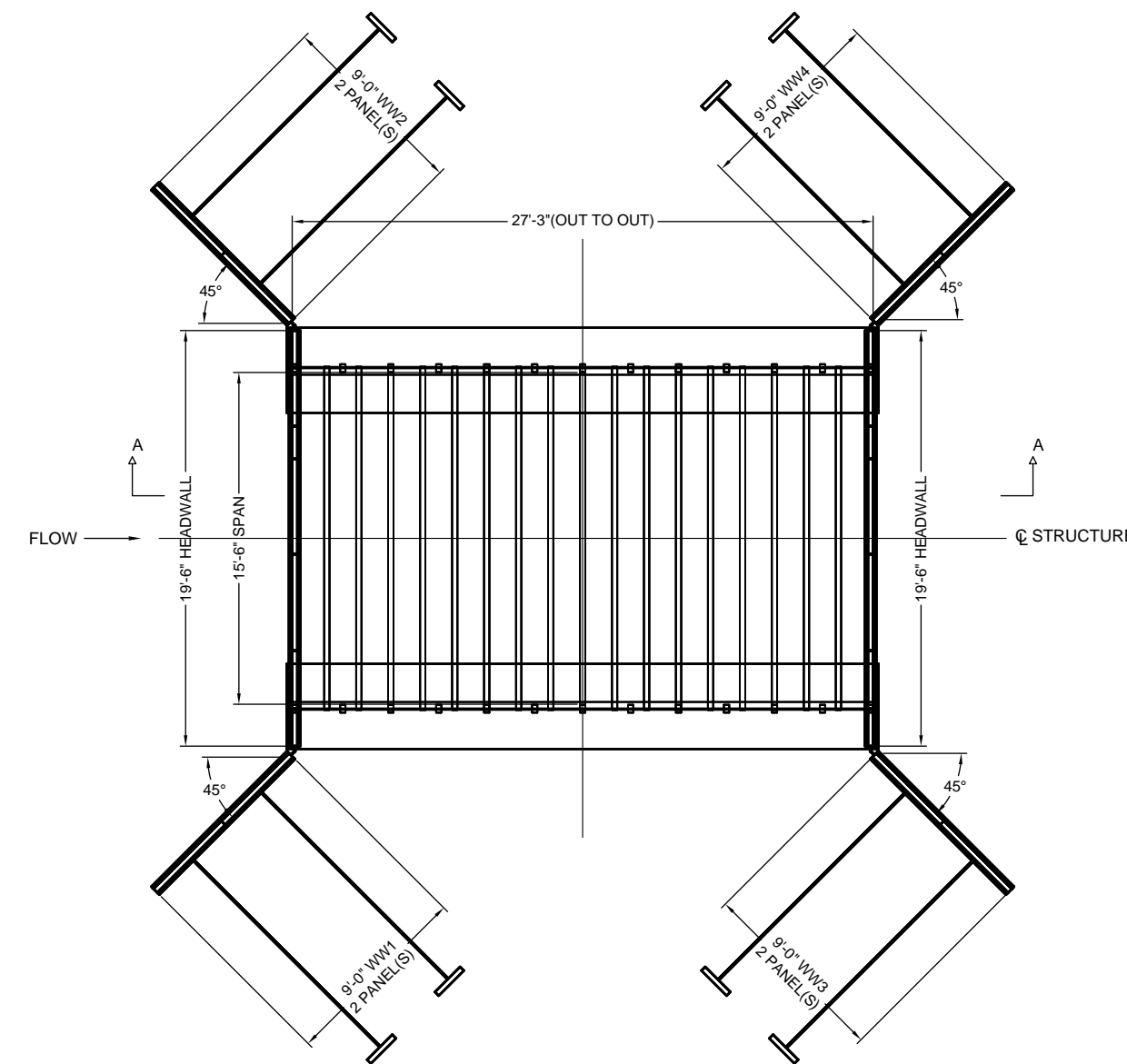
- TYPE B LINERS - FOR SITES WITH MEDIUM POTENTIAL FOR GROUNDWATER POLLUTION OR WHERE NEED FOR A FULL POOL LEVEL IS HIGH, THEY INCLUDE:
- ALL LINERS MEETING TYPE A CRITERIA
 - CLAY
 - HDPE
 - POLY ETHYLENE POND LINER (PPL)
1. CLAY LINER CRITERIA:
- 50% FINES (200 SIEVE) OR MORE.
 - AN IN-PLACE HYDRAULIC CONDUCTIVITY OF 1×10^{-6} CM/SEC. OR LESS.
 - AVERAGE LIQUID LIMIT VALUE OF 16 OR GREATER, WITH NO VALUE LESS THAN 14.
 - AVERAGE PI OF 7 OR MORE WITH NO VALUES LESS THAN 14.
 - CLAY COMPACTION AND DOCUMENTATION AS SPECIFIED IN NRCS WISCONSIN CONSTRUCTION SPECIFICATION 204, EARTHFULL FOR WASTE STORAGE FACILITIES.
 - MINIMUM THICKNESS OF TWO FEET.
 - SPECIFY METHOD FOR KEEPING THE POOL FULL OR USE OF COMPOSITE SOILS BELOW LINER.
2. HDPE LINER CRITERIA:
- MINIMUM THICKNESS SHALL BE 40 MILS.
 - ALL OTHER CRITERIA SAME AS FOR TYPE A HDPE LINER.
3. PPL LINER CRITERIA:
- MINIMUM THICKNESS SHALL BE 30 MILS.
 - ALL OTHER CRITERIA SAME AS FOR TYPE A HDPE LINER.



CONTECH ALBC DYOB

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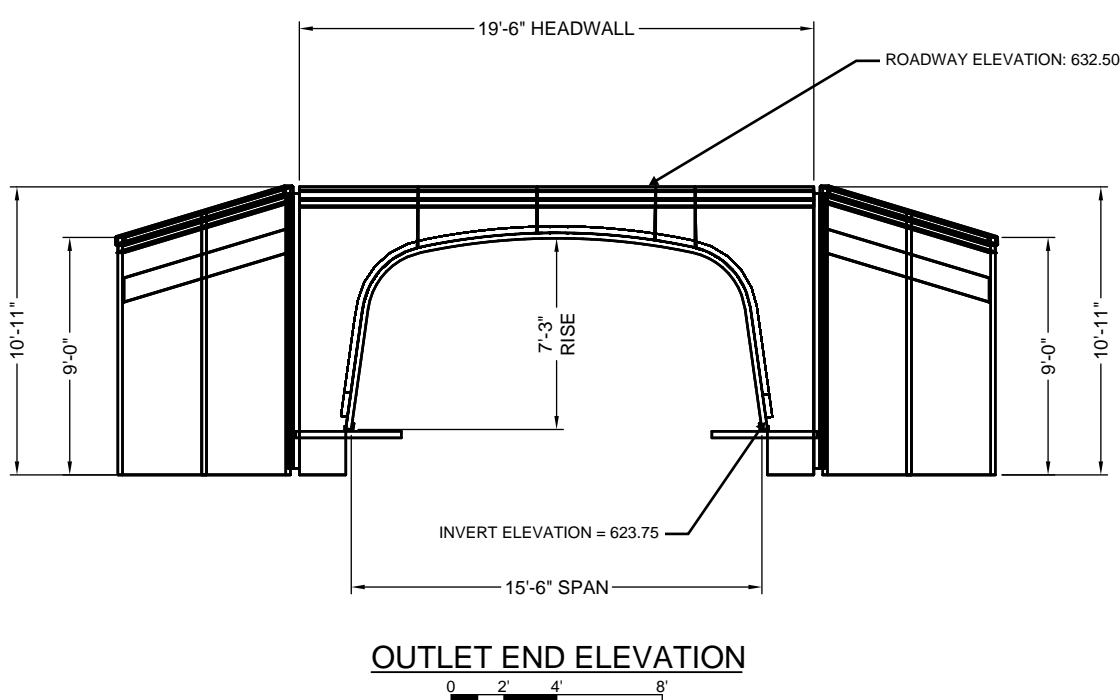
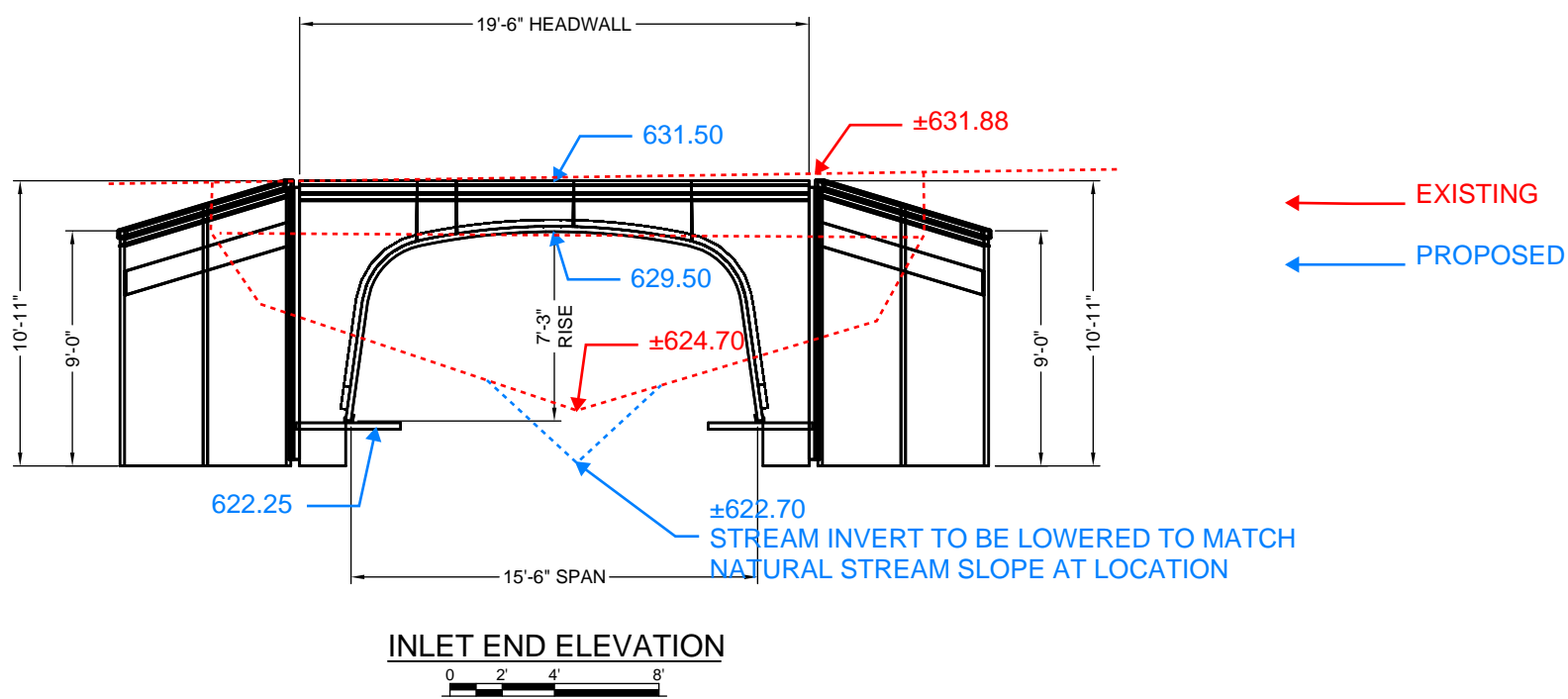
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--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	---	--	--	--



BRIDGE PLAN

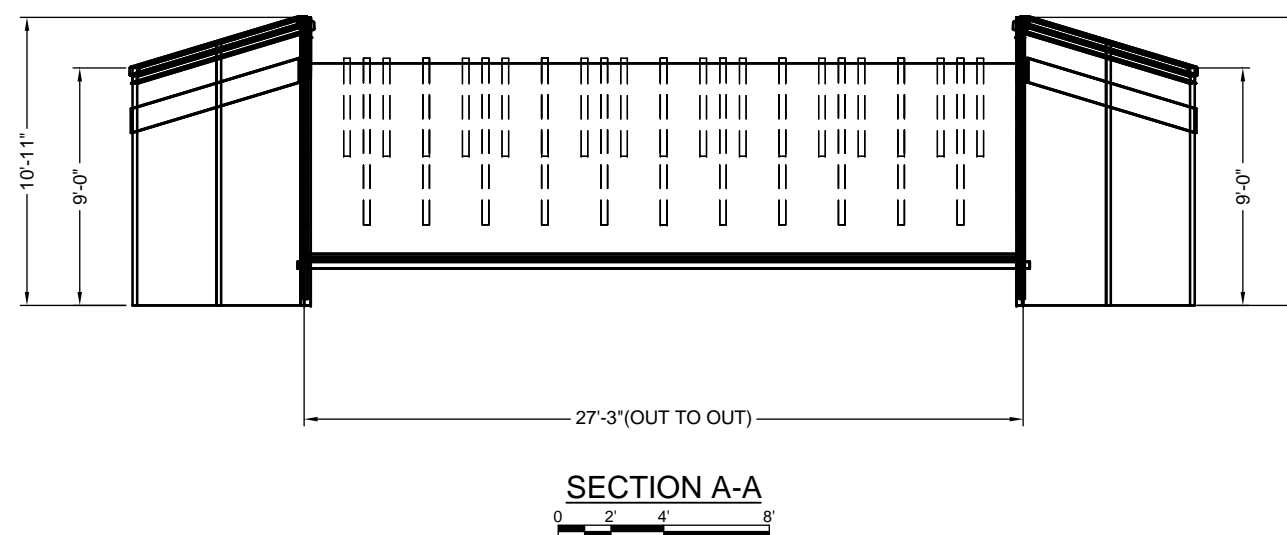
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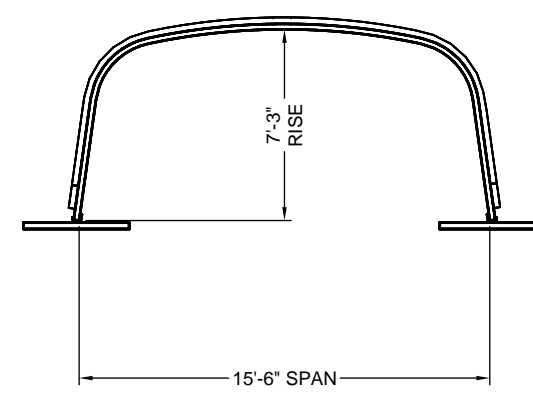


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SECTION A-A



CROSS SECTION

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--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	---	--	--	--

NOTE: FINAL DESIGN PLANS SUPPLIED BY CONTECH PRIOR TO CONSTRUCTION

BAUDHUIN

SURVEYING & ENGINEERING

312 N. 5TH AVE.
P.O. BOX 105
STURGEON BAY, WI.
54235
PHONE: 920-743-8211

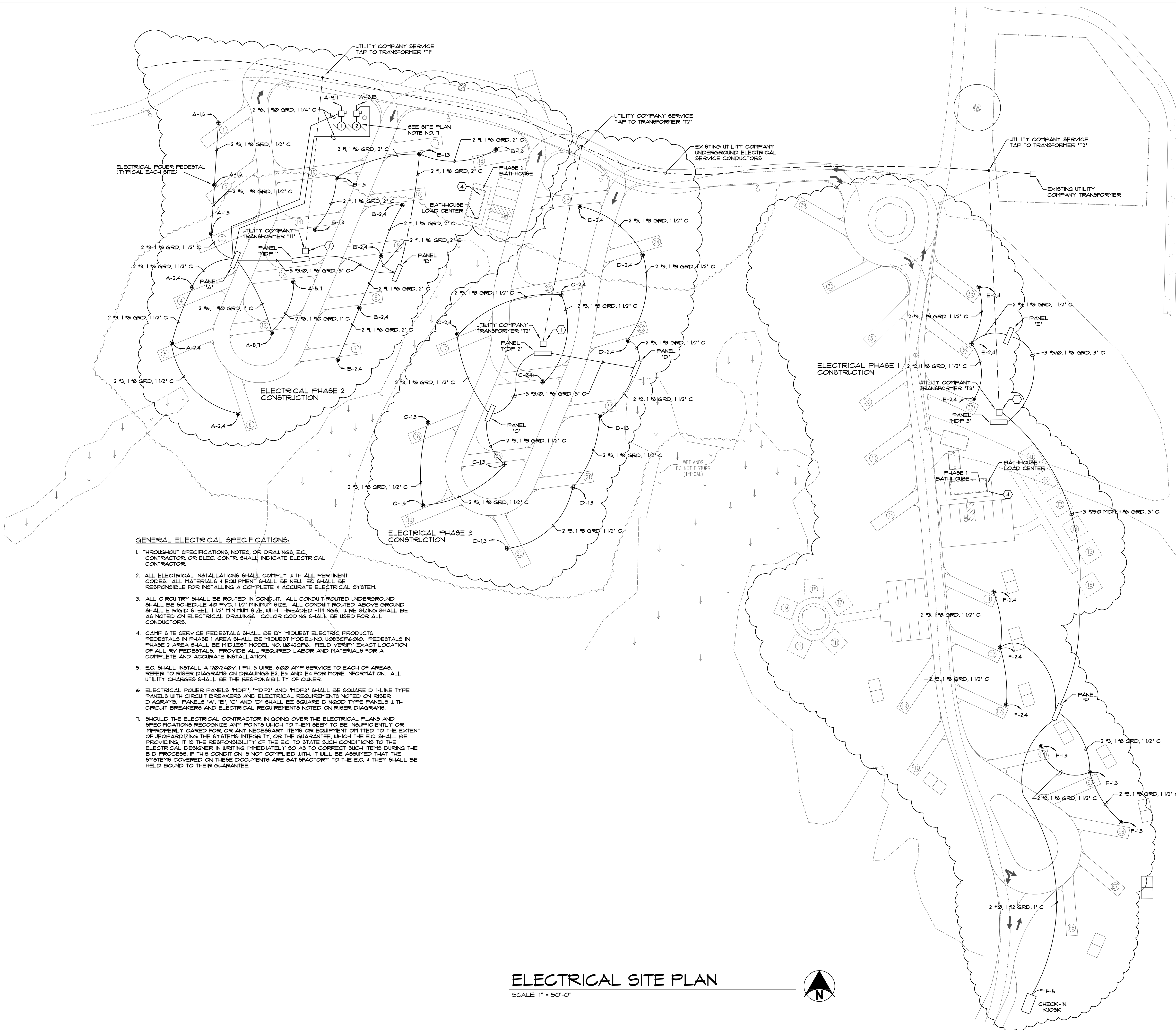
PROJECT DIRECTORY:
NAME: BAUDHUIN
PLAN NAME:
DESIGNED BY:
DATE: 11/10/20
REVISED DATE:
SCALE:
JOB NUMBER:
13744

PRELIMINARY
BRIDGE DESIGN

Brown County Reforestation Camp
Campground

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C400



GENERAL ELECTRICAL SPECIFICATIONS:

1. THROUGHOUT SPECIFICATIONS, NOTES, OR DRAWINGS, E.C. CONTRACTOR, OR ELEC. CONTR. SHALL INDICATE ELECTRICAL CONTRACTOR.
2. ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH ALL PERTINENT CODES. ALL MATERIALS & EQUIPMENT SHALL BE NEW. E.C. SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE & ACCURATE ELECTRICAL SYSTEM.
3. ALL CIRCUITRY SHALL BE ROUTED IN CONDUIT. ALL CONDUIT ROUTED UNDERGROUND SHALL BE SCHEDULE 40 PVC, 1 1/2" MINIMUM SIZE. ALL CONDUIT ROUTED ABOVE GROUND SHALL BE RIGID STEEL, 1 1/2" MINIMUM SIZE, WITH THREADED FITTINGS. WIRE SIZING SHALL BE AS NOTED ON ELECTRICAL DRAWINGS. COLOR CODING SHALL BE USED FOR ALL CONDUCTORS.
4. CAMP SITE SERVICE PEDESTALS SHALL BE BY MIDWEST ELECTRIC PRODUCTS. PEDESTALS IN PHASE 1 AREA SHALL BE MIDWEST MODEL NO. U295CP600. PEDESTALS IN PHASE 2 AREA SHALL BE MIDWEST MODEL NO. U242GP6. FIELD VERIFY EXACT LOCATION OF ALL RV PEDESTALS. PROVIDE ALL REQUIRED LABOR AND MATERIALS FOR A COMPLETE AND ACCURATE INSTALLATION.
5. E.C. SHALL INSTALL A 120/240V, 1 PH, 3 WIRE, 600 AMP SERVICE TO EACH OF AREAS. REFER TO RISER DIAGRAMS ON DRAWINGS E2, E3 AND E4 FOR MORE INFORMATION. ALL UTILITY CHARGES SHALL BE THE RESPONSIBILITY OF OWNER.
6. ELECTRICAL POWER PANELS "MDP1", "MDP2" AND "MDP3" SHALL BE SQUARE D I-LINE TYPE PANELS WITH CIRCUIT BREAKERS AND ELECTRICAL REQUIREMENTS NOTED ON RISER DIAGRAMS. PANELS "A", "B", "C" AND "D" SHALL BE SQUARE D N2000 TYPE PANELS WITH CIRCUIT BREAKERS AND ELECTRICAL REQUIREMENTS NOTED ON RISER DIAGRAMS.
7. SHOULD THE ELECTRICAL CONTRACTOR IN GOING OVER THE ELECTRICAL PLANS AND SPECIFICATIONS RECOGNIZE ANY POINTS WHICH TO THEM SEEM TO BE INSUFFICIENTLY OR IMPROPERLY CARED FOR, OR ANY NECESSARY ITEMS OR EQUIPMENT OMITTED TO THE EXTENT OF JEOPARDIZING THE SYSTEMS INTEGRITY, OR THE GUARANTEE WHICH THE E.C. SHALL BE PROVIDING, IT IS THE RESPONSIBILITY OF THE E.C. TO STATE SUCH CONDITIONS TO THE ELECTRICAL DESIGNER IN WRITING IMMEDIATELY SO AS TO CORRECT SUCH ITEMS DURING THE BID PROCESS. IF THIS CONDITION IS NOT COMPLIED WITH, IT WILL BE ASSUMED THAT THE SYSTEMS COVERED ON THESE DOCUMENTS ARE SATISFACTORY TO THE E.C. & THEY SHALL BE HELD BOUND TO THEIR GUARANTEE.

SITE PLAN NOTES:

1. E.C. SHALL COORDINATE WITH OWNER AND LOCAL UTILITY COMPANY FOR EXACT LOCATIONS OF SERVICE TRANSFORMERS.
2. E.C. SHALL FIELD COORDINATE WITH OWNER FOR THE EXACT LOCATIONS OF ALL ELECTRICAL SERVICE POWER PANELS.
3. E.C. SHALL FIELD VERIFY EXACT ROUTING OF ALL CONDUITS, CONDUCTORS.
4. E.C. SHALL PROVIDE (1) SQUARE D "QO" TYPE LOAD CENTER IN EACH BATHHOUSE. LOAD CENTER SHALL BE RATED FOR 120/240V, 1 PH, 3 WIRE 100 AMP MAIN LUGS ONLY, 24 CIRCUIT. E.C. TO PROVIDE ALL REQUIRED CIRCUIT BREAKERS IN LOAD CENTER TO PROPERLY FEED ALL ELECTRICAL CIRCUITS IN BATHHOUSE.
5. E.C. SHALL PROVIDE A PROPERLY ANCHORED "UNISTRUT" FRAMED SUPPORT FOR ALL EXTERIOR ELECTRICAL PANELS. ALL EXTERIOR ELECTRICAL PANELS SHALL BE NEMA 3R RATED.
6. SEE RISER DIAGRAMS ON DWG. E2 FOR MORE INFORMATION ON PANELS AND ELECTRICAL DISTRIBUTION.
7. E.C. SHALL PROVIDE (2) 240 VOLT, 3 WIRE, 60 AMP NEMA 3R FUSIBLE SWITCH AT LIFT STATION FOR GRINDER PUMPS. SAFETY SWITCH TO BE HEAVY DUTY, RATED AND FUSED AT 40 AMPS. MOUNT SAFETY SWITCHES ON A UNISTRUT FRAME NEAR LOCATION OF LIGHT STATION. WIRE PUMPS TO CIRCUIT NO. NOTED ON DRAWING. FIELD VERIFY THE EXACT LOCATIONS OF SAFETY SWITCHES AND FRAMES. PROVIDE ALL REQUIRED LABOR AND MATERIALS FOR A COMPLETE AND ACCURATE INSTALLATION. GRINDER PUMPS INSTALLATION SHALL BE PART OF PHASE 2 OF THIS PROJECT.

ELECTRICAL SITE PLAN

SCALE: 1" = 50'-0"



COTTELL DESIGN, INC.

1500 TEMPLE MORE LANE
GREEN BAY, WI 54313
TELEPHONE 920-490-9415
CELL 920-819-1075

ELECTRICAL DESIGN/CONSULTING SERVICE

REVISIONS

NO.	BY	DATE

BROWN COUNTY REFORMATION CAMP
4418 REFORMATION ROAD
SUAMICO, WI 54313

DATE: 06/16/20

SCALE: 1" = 50'-0"

DRAWN BY: KLP

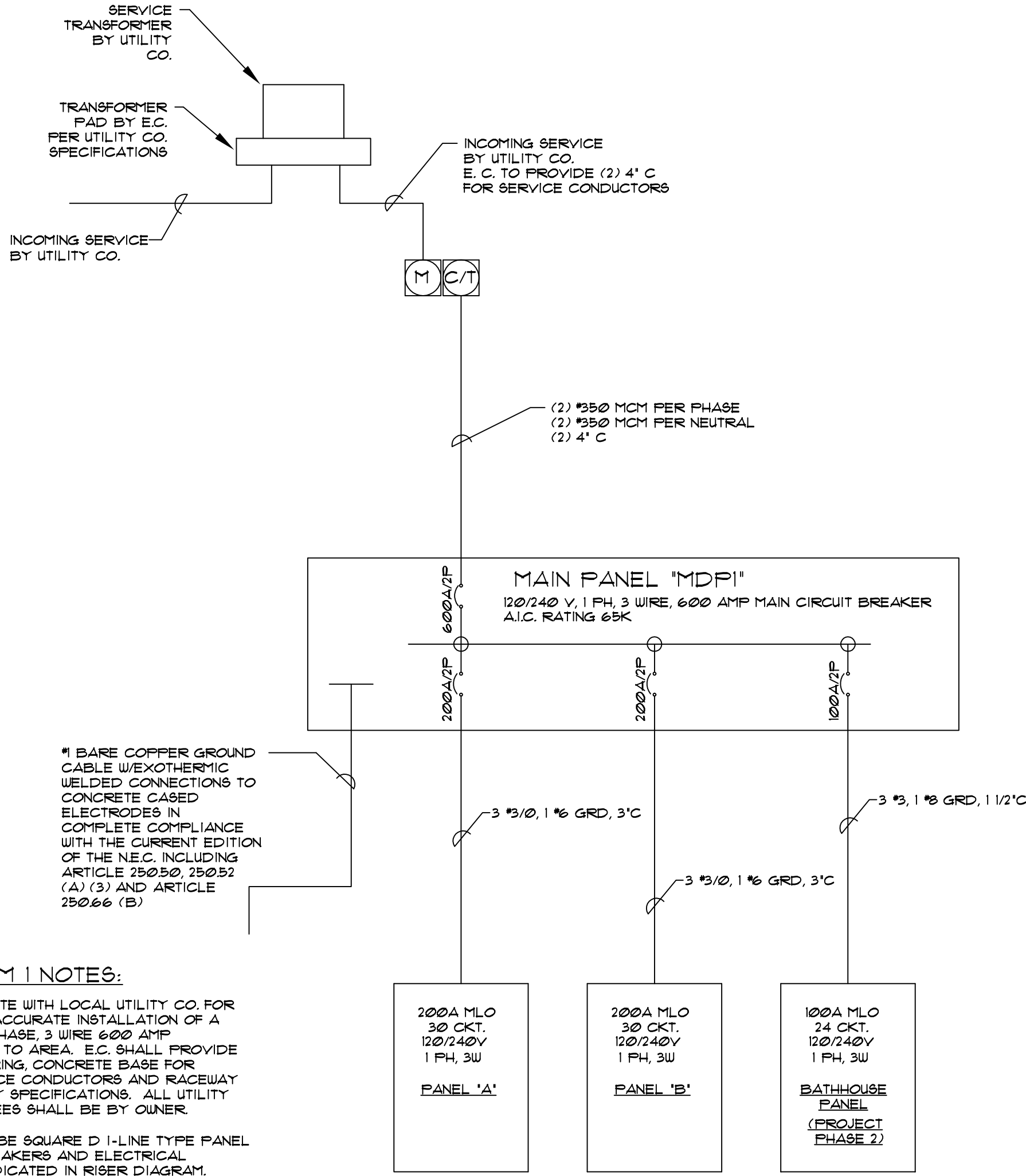
CHECKED BY: BEC

SHEET TITLE:

ELECTRICAL
SITE PLAN

SHEET NO.

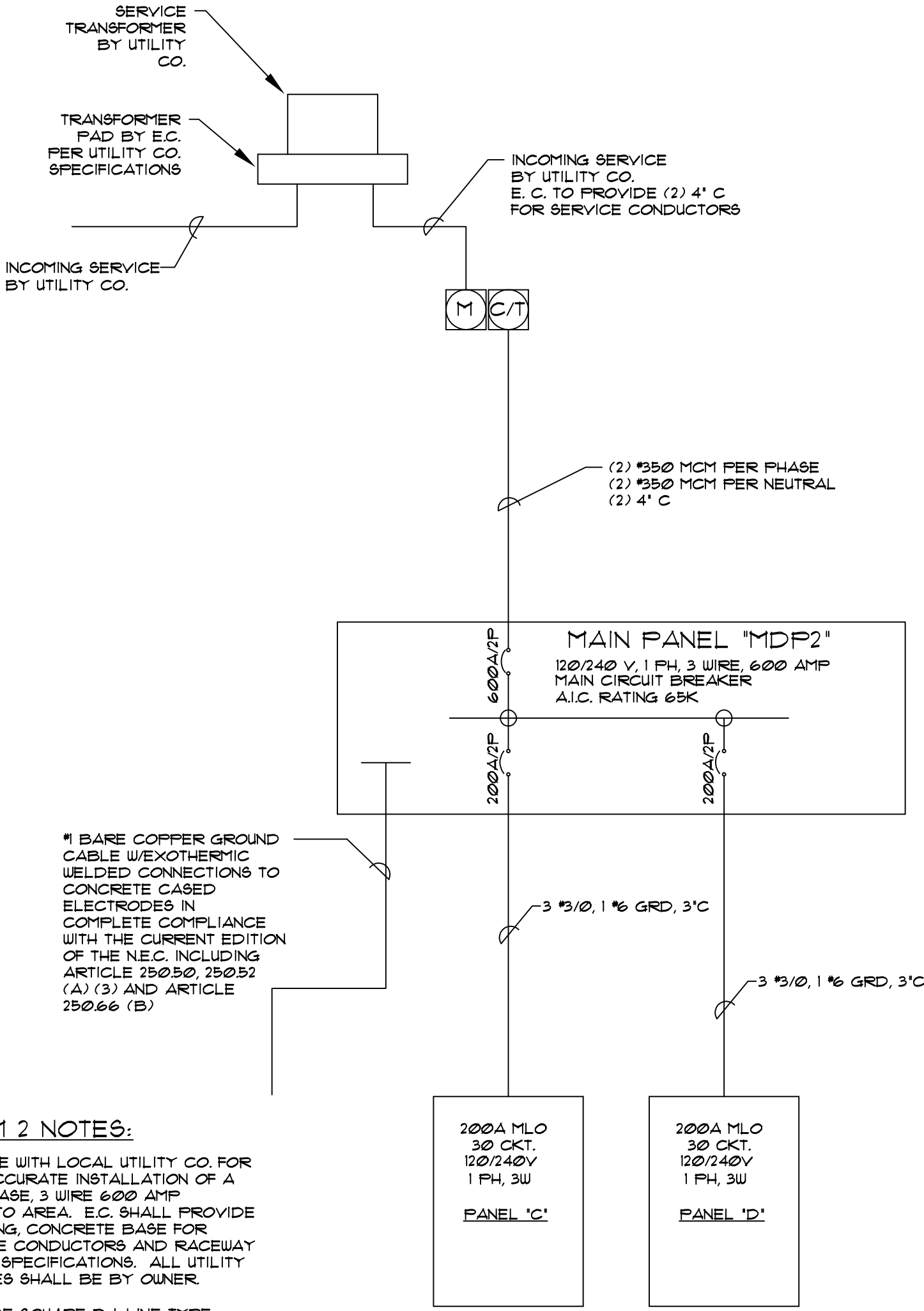
E1



RISER DIAGRAM 1 NOTES:

- E.C. SHALL COORDINATE WITH LOCAL UTILITY CO. FOR THE COMPLETE AND ACCURATE INSTALLATION OF A NEW 120/240 VOLT, 1 PHASE, 3 WIRE 600 AMP ELECTRICAL SERVICE TO AREA. E.C. SHALL PROVIDE ALL REQUIRED METERING, CONCRETE BASE FOR TRANSFORMER, SERVICE CONDUCTORS AND RACEWAY PER UTILITY COMPANY SPECIFICATIONS. ALL UTILITY COMPANY SERVICE FEES SHALL BE BY OWNER.
- PANEL 'MDP1' SHALL BE SQUARE D I-LINE TYPE PANEL WITH ALL CIRCUIT BREAKERS AND ELECTRICAL CHARACTERISTICS INDICATED IN RISER DIAGRAM. PANELS 'A' AND 'B' SHALL BE SQUARE D NQOD TYPE PANEL WITH ALL CIRCUIT BREAKERS AND ELECTRICAL CHARACTERISTICS INDICATED IN RISER DIAGRAM AND PANEL SCHEDULES. ALL EXTERIOR ELECTRICAL PANELS SHALL BE NEMA 3R RATED.
- ALL WORK SHALL BE PERFORMED IN COMPLETE COMPLIANCE WITH ALL PERTINENT NATIONAL, STATE AND LOCAL CODES AND REGULATIONS.
- BATHHOUSE PANEL SHALL BE SQUARE D QO TYPE LOADCENTER. LOADCENTER SHALL BE RATED FOR 120/240V, 1 PH, 3 W 100 AMP MAIN LUGS ONLY 24 CIRCUIT. PROVIDE ALL REQUIRED CIRCUIT BREAKERS TO PROPERLY FEED ALL CIRCUITS IN BATHHOUSE

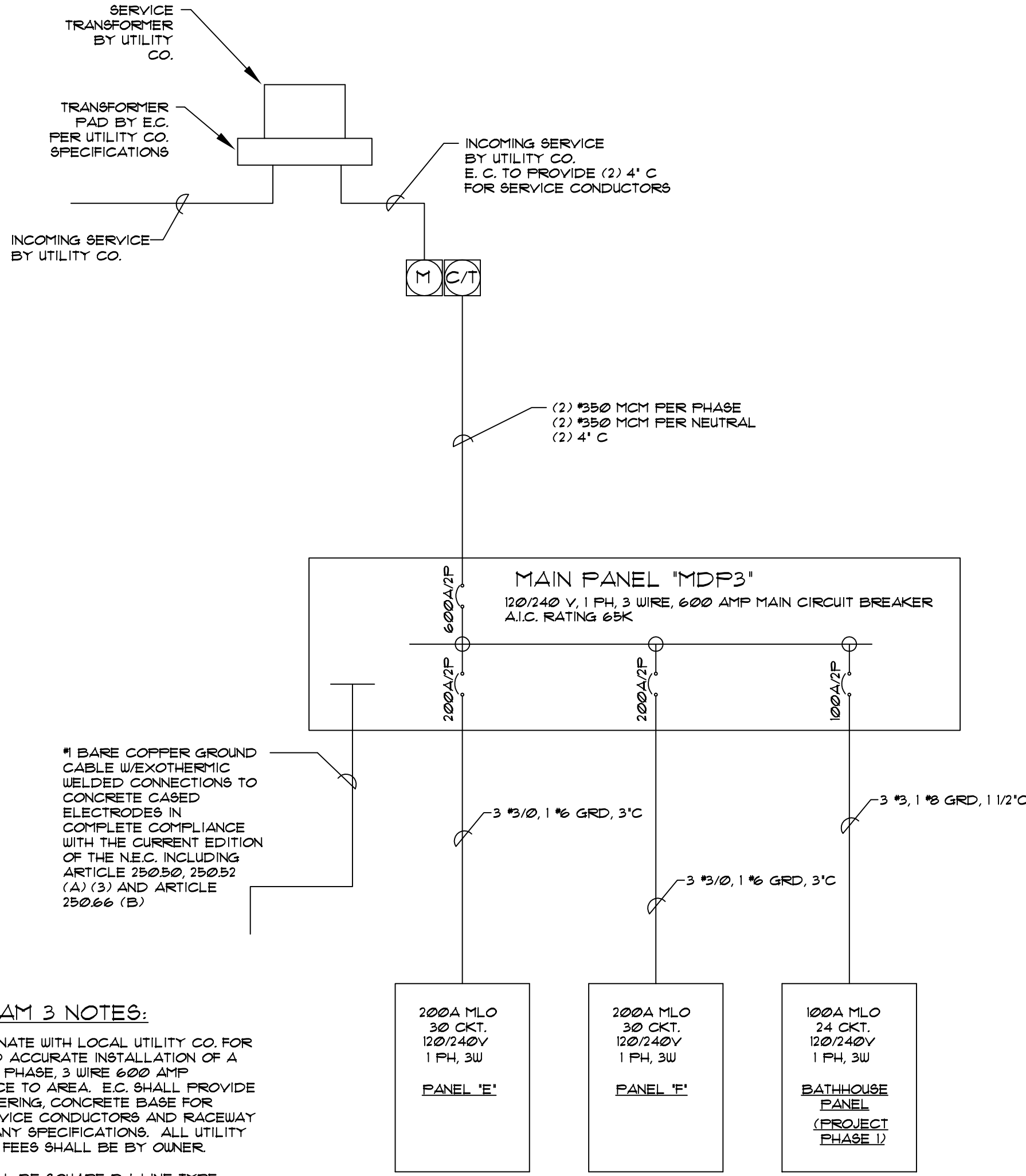
PHASE 2 RISER DIAGRAM



RISER DIAGRAM 2 NOTES:

- E.C. SHALL COORDINATE WITH LOCAL UTILITY CO. FOR THE COMPLETE AND ACCURATE INSTALLATION OF A NEW 120/240 VOLT, 1 PHASE, 3 WIRE 600 AMP ELECTRICAL SERVICE TO AREA. E.C. SHALL PROVIDE ALL REQUIRED METERING, CONCRETE BASE FOR TRANSFORMER, SERVICE CONDUCTORS AND RACEWAY PER UTILITY COMPANY SPECIFICATIONS. ALL UTILITY COMPANY SERVICE FEES SHALL BE BY OWNER.
- PANEL 'MDP2' SHALL BE SQUARE D I-LINE TYPE PANEL WITH ALL CIRCUIT BREAKERS AND ELECTRICAL CHARACTERISTICS INDICATED IN RISER DIAGRAM. PANELS 'C' AND 'D' SHALL BE SQUARE D NQOD TYPE PANEL WITH ALL CIRCUIT BREAKERS AND ELECTRICAL CHARACTERISTICS INDICATED IN RISER DIAGRAM AND PANEL SCHEDULES. ALL EXTERIOR ELECTRICAL PANELS SHALL BE NEMA 3R RATED.
- ALL WORK SHALL BE PERFORMED IN COMPLETE COMPLIANCE WITH ALL PERTINENT NATIONAL, STATE AND LOCAL CODES AND REGULATIONS.

PHASE 3 RISER DIAGRAM



RISER DIAGRAM 3 NOTES:

- E.C. SHALL COORDINATE WITH LOCAL UTILITY CO. FOR THE COMPLETE AND ACCURATE INSTALLATION OF A NEW 120/240 VOLT, 1 PHASE, 3 WIRE 600 AMP ELECTRICAL SERVICE TO AREA. E.C. SHALL PROVIDE ALL REQUIRED METERING, CONCRETE BASE FOR TRANSFORMER, SERVICE CONDUCTORS AND RACEWAY PER UTILITY COMPANY SPECIFICATIONS. ALL UTILITY COMPANY SERVICE FEES SHALL BE BY OWNER.
- PANEL 'MDP3' SHALL BE SQUARE D I-LINE TYPE PANEL WITH ALL CIRCUIT BREAKERS AND ELECTRICAL CHARACTERISTICS INDICATED IN RISER DIAGRAM. PANEL 'MDP3' SHALL BE NEMA 3R RATED.
- ALL WORK SHALL BE PERFORMED IN COMPLETE COMPLIANCE WITH ALL PERTINENT NATIONAL, STATE AND LOCAL CODES AND REGULATIONS.
- BATHHOUSE PANEL SHALL BE SQUARE D QO TYPE LOADCENTER. LOADCENTER SHALL BE RATED FOR 120/240V, 1 PH, 3 W 100 AMP MAIN LUGS ONLY 24 CIRCUIT. PROVIDE ALL REQUIRED CIRCUIT BREAKERS TO PROPERLY FEED ALL CIRCUITS IN BATHHOUSE

PHASE 1 RISER DIAGRAM

PANEL SCHEDULE "A"					VOLTAGE: 120/240 AMPERAGE: 200 MLO PHASE: 1				
NO.	DESCRIPTION	CKT. BRKR.	CKT. BRKR.	DESCRIPTION	NO.				
1	CAMPSITES 1, 2, 3	90A/2P	90A/2P	CAMPSITES 4, 5, 6	2				
3					4				
5	CAMPSITES 12, 13	60A/2P	60A/2P	SPARE	6				
7					8				
9	LIFT STATION GRINDER PUMP	40A/2P		SPACE	10				
11				SPACE	12				
13	LIFT STATION GRINDER PUMP	40A/2P		SPACE	14				
15				SPACE	16				
17	SPACE			SPACE	18				
19	SPACE			SPACE	20				
21	SPACE			SPACE	22				
23	SPACE			SPACE	24				
25	SPACE			SPACE	26				
27	SPACE			SPACE	28				
29	SPACE			SPACE	30				

PANEL SCHEDULE "B"					VOLTAGE: 120/240 AMPERAGE: 200 MLO PHASE: 1				
NO.	DESCRIPTION	CKT. BRKR.	CKT. BRKR.	DESCRIPTION	NO.				
1	CAMPSITES 11, 14, 15, 16	125A/2P	125A/2P	CAMPSITES 7, 8, 9, 10	2				
3					4				
5	SPARE	60A/2P	60A/2P	SPARE	6				
7					8				
9	SPACE			SPACE	10				
11	SPACE			SPACE	12				
13	SPACE			SPACE	14				
15	SPACE			SPACE	16				
17	SPACE			SPACE	18				
19	SPACE			SPACE	20				
21	SPACE			SPACE	22				
23	SPACE			SPACE	24				
25	SPACE			SPACE	26				
27	SPACE			SPACE	28				
29	SPACE			SPACE	30				

PANEL SCHEDULE "C"					VOLTAGE: 120/240 AMPERAGE: 100 MLO PHASE: 1				
NO.	DESCRIPTION	CKT. BRKR.	CKT. BRKR.	DESCRIPTION	NO.				
1	CAMPSITES 18, 19, 25	90A/2P	90A/2P	CAMPSITES 17, 26, 21	2				
3					4				
5	SPARE	60A/2P	60A/2P	SPARE	6				
7					8				
9	SPACE			SPACE	10				
11	SPACE			SPACE	12				
13	SPACE			SPACE	14				
15	SPACE			SPACE	16				
17	SPACE			SPACE	18				
19	SPACE			SPACE	20				
21	SPACE			SPACE	22				
23	SPACE			SPACE	24				
25	SPACE			SPACE	26				
27	SPACE			SPACE	28				
29	SPACE			SPACE	30				

PANEL SCHEDULE "D"					VOLTAGE: 120/240 AMPERAGE: 200 MLO PHASE: 1				
NO.	DESCRIPTION	CKT. BRKR.	CKT. BRKR.	DESCRIPTION	NO.				
1	CAMPSITES 20, 21, 22	90A/2P	90A/2P	CAMPSITES 23, 24, 28	2				
3					4				
5	SPARE	60A/2P	60A/2P	SPARE	6				
7					8				
9	SPACE			SPACE	10				
11	SPACE			SPACE	12				
13	SPACE			SPACE	14				
15	SPACE			SPACE	16				
17	SPACE			SPACE	18				
19	SPACE			SPACE	20				
21	SPACE			SPACE	22				
23	SPACE			SPACE	24				
25	SPACE			SPACE	26				
27	SPACE			SPACE	28				
29	SPACE			SPACE	30				

PANEL SCHEDULE "E"					VOLTAGE: 120/240 AMPERAGE: 200 MLO PHASE: 1				
NO.	DESCRIPTION	CKT. BRKR.	CKT. BRKR.	DESCRIPTION	NO.				
1	SPACE	90A/2P	90A/2P	CAMPSITES 35, 36, 31	2				
3					4				
5	SPARE	60A/2P	60A/2P	SPARE	6				
7					8				
9	SPACE			SPACE	10				
11	SPACE			SPACE	12				
13	SPACE			SPACE	14				
15	SPACE			SPACE	16				
17	SPACE			SPACE	18				
19	SPACE			SPACE	20				
21	SPACE			SPACE	22				
23	SPACE			SPACE	24				
25	SPACE			SPACE	26				
27	SPACE			SPACE	28				
29	SPACE			SPACE	30				

PANEL SCHEDULE "F"					VOLTAGE: 120/240 AMPERAGE: 200 MLO PHASE: 1				
NO.	DESCRIPTION	CKT. BRKR.	CKT. BRKR.	DESCRIPTION	NO.				
1	CAMPSITES E4, E5, E6	90A/2P	90A/2P	CAMPSITES E1, E2, E3	2				
3					4				
5	ENTRY KIOSK	20A/1P	60A/2P	SPARE	6				
7	SPARE	60A/2P			8				
9				SPACE	10				
11	SPACE			SPACE	12				
13	SPACE			SPACE	14				
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23	SPACE			SPACE	24				
25	SPACE			SPACE	26				
27	SPACE			SPACE	28				
29	SPACE			SPACE	30				

REVISIONS

NO.	BY	DATE			